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River North (Liberty Towers) FEIS
Environmental Documents & Reports
Prepared by EBC & Tenen Environmental

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Executed Brownfield Cleanup Agreement

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New York State Department of Environmental Conservation
Division of Environmental Remediation, 12th Floor
625 Broadway, Albany, New York 12233-7011
Phone: (518) 402-9706 **Fax:** (518) 402-9020
Website: www.dec.ny.gov

June 15, 2021

Zachary Kadden
Richmond SI Owner LLC
520 Madison Avenue, Suite 3501
New York, NY 10022

Re: River North
Tax Map ID No.: Richmond County13-82,13-92,13-100
Property County: Richmond
Site No.: C243045

Dear Applicant:

Your application for the Brownfield Cleanup Program ("BCP") project pertaining to property in Richmond County with Tax Map identification (ID) No. 13-P/O 8, 13-82, 13-92, 13-100 (the “property”) has been reviewed by the New York State Department of Environmental Conservation ("Department"). Your request for participation in the BCP is accepted in part and denied in part. The acceptance is based upon your participation as follows:

Richmond SI Owner LLC is a Volunteer as defined in ECL 27-1405(1)(b). Tangible Property Tax Credit Status is described in Section II of the attached Brownfield Cleanup Agreement (BCA).

In making this determination, the Department considered whether there is confirmed contamination on the property and whether remediation is required to address the contamination. The terms "contaminants" and "contamination", as used in this letter, are defined at ECL Section 27-1405.7a & 8.

As further discussed below, a review of information concerning contaminants on the portion of the property that the Department has determined is ineligible indicates that there is not sufficient contamination to require remediation under the BCP. In the future, if you provide the Department with additional information and/or analytical data that indicated there is sufficient contamination to require remediation, the Department will re-evaluate the eligibility of the portion of the property that has been determined ineligible.

Based on the data provided in the BCP application, the portion of the site with a Richmond County Tax Map ID No. 13-P/O 8 has been determined ineligible. The ineligibility determination was based on insufficient information to indicate contamination on Partial Lot 8 exceeding the soil cleanup objectives based on the reasonably anticipated use of the property. The remaining area of the property (Lots 82, 92, and 100 - Site No.: C243045-River North) was determined to be eligible.

Therefore, the Department has determined that the denied portion of the property with Richmond County Tax Map ID No. 13-P/O 8 is not a brownfield site as defined in the Environmental Conservation Law and your application to participate in the BCP as to that part of the application must be denied. This determination constitutes the Department's final agency action on your application.

The Department's project manager for Site No.: C243045-River North will assist you in completing your project. You can arrange a meeting to discuss the program's requirements and work plan. The work plan will determine the scope of work to be conducted and completed.

For purposes of the tax credits under Sections 21, 22 and 23 of the Tax Law, only those costs incurred on or after the effective date of the Brownfield Site Cleanup Agreement ("BCA") are eligible for consideration for credits. Based upon the facts and information in the application, information contained in the Department's records, and a timely return of signed copies of the BCA, the Department is prepared to execute a BCA for Site No. C243045-River North

Enclosed are three copies of the proposed BCA. Please have an authorized representative sign all three copies where indicated and return them to my attention at 625 Broadway, Albany, New York, along with proof that the party executing the BCA is authorized to bind the Requestor. The BCA shall not be effective until it is fully executed by the parties. A reassessment of eligibility may result in a denial of the application if there are any changes to material facts and information before the BCA is fully executed. **Please note, if the BCA is not signed and returned to the Department within 60 days, the Department will consider the Application withdrawn and the offer to enter the BCP will be deemed rescinded.**

The Department looks forward to working with you on this project. You may contact the Department's project team as set forth in Paragraph IV of the attached draft BCA to discuss the next steps.

Sincerely,

Michael J. Ryan, P.E., Director
Division of Environmental Remediation

Enclosures:

Department's Copies:
ec: George Heitzman, P.E.
Jane O'Connell
Jennifer Andaloro
Kelly Lewandowski
Charles Post
Alali Tamuno

Applicant's Copies:

ec: Zachary Kadden (zkadden@madisonrealtycapital.com)
Toni Finger (tfinger@kramerlevin.com)
Alana Carroll, PG (acarroll@tenen-env.com)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BROWNFIELD CLEANUP PROGRAM
ECL §27-1401 *et seq.*

In the Matter of a Remedial Program for **BROWNFIELD SITE CLEANUP AGREEMENT Index No. C243045-06-21**

River North
DEC Site No:C243045
Located at: 178,194 Richmond Terrace and 8 Stuyvesant Place
Richmond County
Staten Island, NY 10301
Hereinafter referred to as "Site"

by:
Richmond SI Owner LLC
520 Madison Avenue, Suite 3501, New York, NY 10022
Hereinafter referred to as "Applicant"

WHEREAS, the Department of Environmental Conservation ("Department") is authorized to administer the Brownfield Cleanup Program ("BCP") set forth in Article 27, Title 14 of the Environmental Conservation Law ("ECL"); and

WHEREAS, the Applicant submitted an application received by the Department on March 1, 2021; and

WHEREAS, the Department has determined that the Site and Applicant are eligible to participate in the BCP.

NOW, THEREFORE, IN CONSIDERATION OF AND IN EXCHANGE FOR THE MUTUAL COVENANTS AND PROMISES, THE PARTIES AGREE TO THE FOLLOWING:

I. Applicant Status

The Applicant, Richmond SI Owner LLC, is participating in the BCP as a Volunteer as defined in ECL 27-1405(1)(b).

II. Tangible Property Tax Credit Status

The Department has determined that the Site is eligible for tangible property tax credits pursuant to ECL § 27-1407(1-a) because the Site is located in a City having a population of one million or more and at least half of the site area is located in an environmental zone as defined in section twenty-one of the tax law. The Applicant acknowledges that the Department made this determination in reliance on information submitted to the Department by the Applicant.

III. Real Property

The Site subject to this Brownfield Cleanup Agreement (the "BCA" or "Agreement") consists of approximately 2.050 acres, a Map of which is attached as Exhibit "A", and is described as follows:

Tax Map/Parcel No.: 13-82
Street Number: 178 Richmond Terrace, Staten Island
Owner: Richmond SI Owner LLC

Tax Map/Parcel No.: 13-92
Street Number: 194 Richmond Terrace, Staten Island
Owner: Richmond SI Owner LLC

Tax Map/Parcel No.: 13-100
Street Number: 8 Stuyvesant Place, Staten Island
Owner: Richmond SI Owner LLC

IV. Communications

A. All written communications required by this Agreement shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Applicant shall be sent to:

Charles Post
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233
charles.post@dec.ny.gov

Note: one hard copy (unbound) of work plans and reports is required, as well as one electronic copy.

Christine Vooris (electronic copy only)
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
christine.vooris@health.ny.gov

Alali Tamuno, Esq. (correspondence only)
New York State Department of Environmental Conservation
Office of General Counsel
100 Hillside Avenue, Suite 1W
White Plains, NY 10603-2860
alali.tamuno@dec.ny.gov

2. Communication from the Department to Applicant shall be sent to:

Richmond SI Owner LLC
Attn: Zachary Kadden
520 Madison Avenue, Suite 3501
New York, NY 10022
zkadden@madisonrealtycapital.com

B. The Department and Applicant reserve the right to designate additional or different addressees for communication on written notice to the other. Additionally, the Department reserves the right to request that the Applicant provide more than one paper copy of any work plan or report.

C. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph or in Paragraph III.

V. Miscellaneous

A. Applicant acknowledges that it has read, understands, and agrees to abide by all the terms set forth in Appendix A - "Standard Clauses for All New York State Brownfield Site Cleanup Agreements" which is attached to and hereby made a part of this Agreement as if set forth fully herein.

B. In the event of a conflict between the terms of this BCA (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the terms of this BCA shall control.

C. The effective date of this Agreement is the date it is signed by the Commissioner or the Commissioner's designee.

DATED:

THIS BROWNFIELD CLEANUP AGREEMENT IS HEREBY APPROVED, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By:

_____
Michael J. Ryan, P.E., Director
Division of Environmental Remediation

CONSENT BY APPLICANT

Applicant hereby consents to the issuing and entering of this Agreement, and agrees to be bound by this Agreement.

Richmond SI Owner LLC

By:_____

Title:_____

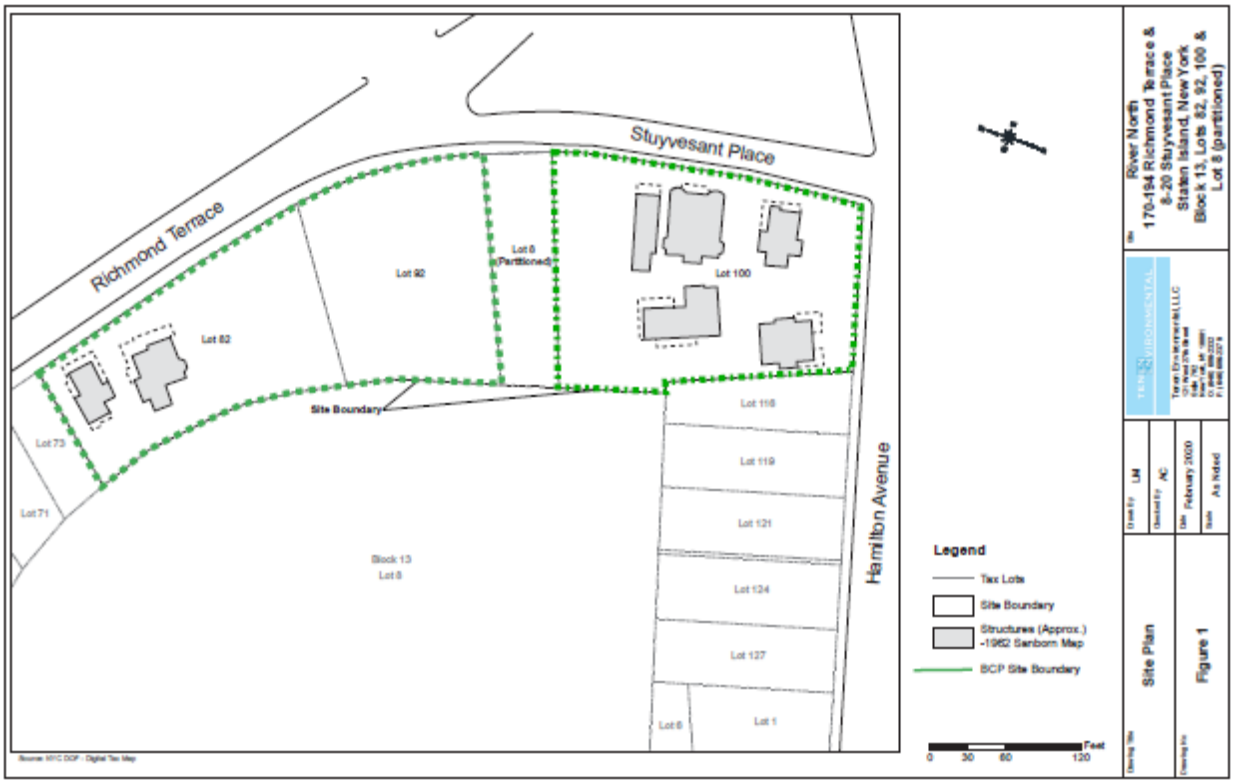
Date:_____

STATE OF NEW YORK)
) ss:
COUNTY OF)

On the _____ day of _____ in the year 20___, before me, the undersigned, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Signature and Office of individual
taking acknowledgment

EXHIBIT A
SITE MAP



APPENDIX A

STANDARD CLAUSES FOR ALL NEW YORK STATE BROWNFIELD SITE CLEANUP AGREEMENTS

The parties to the Brownfield Site Cleanup Agreement (hereinafter "BCA" or "Agreement") agree to be bound by the following clauses which are hereby made a part of the BCA. The word "Applicant" herein refers to any party to the Agreement, other than the New York State Department of Environmental Conservation (herein after "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Agreement, Applicant shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of Environmental Conservation Law (ECL) § 27-1417 and 6 NYCRR §§ 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Agreement.

II. Development, Performance, and Reporting of Work Plans

A. Work Plan Requirements

The work plans ("Work Plan" or "Work Plans") under this Agreement shall be prepared and implemented in accordance with the requirements of ECL Article 27, Title 14, 6 NYCRR §§ 375-1.6(a) and 375-3.6, and all applicable laws, rules, regulations, and guidance documents. The Work Plans shall be captioned as follows:

1. "Remedial Investigation Work Plan" if the Work Plan provides for the investigation of the nature and extent of contamination within the boundaries of the Site and, if the Applicant is a "Participant", the extent of contamination emanating from such Site. If the Applicant is a "Volunteer" it shall perform a qualitative exposure assessment of the contamination emanating from the Site in accordance with ECL § 27-1415(2)(b) and Department guidance;

2. "Remedial Work Plan" if the Work Plan provides for the development and implementation of a Remedial Program for contamination within the boundaries of the Site and, if the Applicant is a "Participant", the contamination that has emanated from such Site;

3. "IRM Work Plan" if the Work Plan provides for an interim remedial measure; or

4. "Site Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy.

5. "Supplemental" if additional work plans other than those set forth in II.A.1-4 are required to be prepared and implemented.

B. Submission/Implementation of Work Plans

1. The first proposed Work Plan to be submitted under this Agreement shall be submitted no later than thirty (30) days after the effective date of this Agreement. Thereafter, the Applicant shall submit such other and additional work plans as determined in a schedule to be approved by the Department.

2. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities to be conducted in accordance with current guidance, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan. The Department shall use best efforts in accordance with 6 NYCRR § 375-3.6(b) to approve, modify, or reject a proposed Work Plan within forty-five (45) days from its receipt or within fifteen (15) days from the close of the comment period, if applicable, whichever is later.

i. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be deemed to be incorporated into and made a part of this Agreement and shall be implemented in accordance with the schedule contained therein. All work undertaken as part of a remedial program for a Site must be detailed in a department-approved Work Plan or a submittal approved in form and content by the Department.

ii. If the Department requires modification of a Work Plan, the reason for such modification shall be provided in writing and the

provisions of 6 NYCRR § 375-1.6(d)(3) shall apply.

iii. If the Department disapproves a Work Plan, the reason for such disapproval shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(4) shall apply.

3. A Site Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.

C. Submission of Final Reports

1. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Report for an Investigation Work Plan prepared in accordance with ECL § 27-1411(1) and 6 NYCRR § 375-1.6. If such Final Report concludes that no remediation is necessary, and the Site does not meet the requirements for Track 1, Applicant shall submit an Alternatives Analysis prepared in accordance with ECL § 27-1413 and 6 NYCRR § 375-3.8(f) that supports such determination.

2. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Engineering Report certifying that remediation of the Site has been performed in accordance with the requirements of ECL §§ 27-1419(1) and (2) and 6 NYCRR § 375-1.6. The Department shall review such Report, the submittals made pursuant to this Agreement, and any other relevant information regarding the Site and make a determination as to whether the goals of the remedial program have been or will be achieved in accordance with established timeframes; if so, a written Certificate of Completion will be issued in accordance with ECL § 27-1419, 6 NYCRR §§ 375-1.9 and 375-3.9.

3. Within sixty (60) days of the Department's approval of a Final Report, Applicant shall submit such additional Work Plans as it proposes to implement. In addition, Applicant shall include with every report submitted to the Department a schedule for the submission of any subsequent work plan required to meet the requirements of ECL Article 27 Title 14. Failure to submit any additional Work Plans within such period shall, unless other Work Plans are under review by the Department or being implemented by Applicant, result in the termination of this Agreement pursuant to Paragraph XII.

D. Review of Submittals other than Work Plans

1. The Department shall timely notify Applicant in writing of its approval or disapproval of each submittal other than a Work Plan in accordance with 6 NYCRR § 375-1.6. All Department-approved submittals shall be incorporated into and become an enforceable part of this Agreement.

2. If the Department disapproves a submittal covered by this Subparagraph, it shall specify the reason for its disapproval and may request Applicant to modify or expand the submittal. Within fifteen (15) days after receiving written notice that Applicant's submittal has been disapproved, Applicant shall elect in writing to either (i) modify or expand it within thirty (30) days of receipt of the written notice of disapproval; (ii) complete any other Department-approved Work Plan(s); (iii) invoke dispute resolution pursuant to Paragraph XIII; or (iv) terminate this Agreement pursuant to Paragraph XII. If Applicant submits a revised submittal and it is disapproved, the Department and Applicant may pursue whatever remedies may be available under this Agreement or under law. All work undertaken as part of a remedial program, including work undertaken pursuant to submittals other than Work Plans, must be approved by the department prior to implementation by the Applicant.

E. Department's Determination of Need for Remediation

The Department shall determine upon its approval of each Final Report dealing with the investigation of the Site whether remediation, or additional remediation as the case may be, is needed for protection of public health and the environment.

1. If the Department makes a preliminary determination that remediation, or additional remediation, is not needed for protection of public health and the environment, the Department shall notify the public of such determination and seek public comment in accordance with ECL § 27-1417(3)(f). The Department shall provide timely notification to the Applicant of its final determination following the close of the public comment period.

2. If the Department determines that additional remediation is not needed and such determination is based upon use restrictions, Applicant shall cause to be recorded an Environmental Easement in accordance with 6 NYCRR § 375-1.8(h).

3. If the Department determines that remediation, or additional remediation, is needed, Applicant may elect to submit for review and approval a proposed Remedial Work Plan (or modify an existing Work Plan for the Site) for a remedy selected upon due consideration of the factors set forth in ECL § 27-1415(3) and 6 NYCRR § 375-1.8(f). A proposed Remedial Work Plan addressing the Site's remediation will be noticed for public comment in accordance with ECL § 27-1417(3)(f) and the Citizen Participation Plan developed pursuant to this Agreement. If the Department determines following the close of the public comment period that modifications to the proposed Remedial Work Plan are needed, Applicant agrees to negotiate appropriate modifications to such Work Plan. If Applicant elects not to develop a Work Plan under this Subparagraph then this Agreement shall terminate in accordance with Paragraph XII. If the Applicant elects to develop a Work Plan, then it will be reviewed in accordance with Paragraph II.D above.

F. Institutional/Engineering Control Certification

In the event that the remedy for the Site, if any, or any Work Plan for the Site, requires institutional or engineering controls, Applicant shall submit a written certification in accordance with 6 NYCRR §§ 375-1.8(h)(3) and 375-3.8(h)(2).

III. Enforcement

Except as provided in Paragraph V, this Agreement shall be enforceable as a contractual agreement under the laws of the State of New York. Applicant shall not suffer any penalty except as provided in Paragraph V, or be subject to any proceeding or action if it cannot comply with any requirement of this Agreement as a result of a Force Majeure Event as described at 6 NYCRR § 375-1.5(b)(4) provided Applicant complies with the requirements set forth therein.

IV. Entry upon Site

A. Applicant hereby agrees to provide access to the Site and to all relevant information regarding activities at the Site in accordance with the provisions of ECL § 27-1431. Applicant agrees to provide the Department upon request with proof of access if it is not the owner of the Site.

B. The Department shall have the right to periodically inspect the Site to ensure that the use of the property complies with the terms and conditions of this Agreement. The Department will generally conduct such inspections during business hours, but retains the right to inspect at any time.

C. Failure to provide access as provided for under this Paragraph may result in termination of this Agreement pursuant to Paragraph XII.

V. Payment of State Costs (Applicable only to Applicants with Participant Status)

A. Within forty-five (45) days after receipt of an itemized invoice from the Department, Applicant shall pay to the Department a sum of money which shall represent reimbursement for State Costs as provided by 6 NYCRR § 375-1.5 (b)(3)(i).

B. Costs shall be documented as provided by 6 NYCRR § 375-1.5(b)(3)(ii). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.

C. Each such payment shall be made payable to the "Commissioner of NYSDEC" and shall be sent to:

Division of Management and Budget
New York State Department of Environmental Conservation
625 Broadway, 10th Floor
Albany, New York 12233-4900

D. Each party shall provide written notification to the other within ninety (90) days of any change in the foregoing addresses.

E. If Applicant objects to any invoiced costs under this Agreement, the provisions of 6 NYCRR §§ 375-1.5 (b)(3)(v) and (vi) shall apply.

Objections shall be sent to the Department as provided under subparagraph V.C above.

F. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph III or the Department may commence an enforcement action for non-compliance with ECL § 27-1409(2) and ECL § 71-4003.

VI. Liability Limitation

Subsequent to the issuance of a Certificate of Completion pursuant to this Agreement, Applicant shall be entitled to the Liability Limitation set forth at ECL § 27-1421, subject to the terms and conditions stated therein and to the provisions of 6 NYCRR §§ 375-1.9 and 375-3.9.

VII. Reservation of Rights

A. Except as provided in Subparagraph VII.B, Applicant reserves all rights and defenses under applicable law to contest, defend against, dispute, or disprove any action, proceeding, allegation, assertion, determination, or order of the Department, including any assertion of remedial liability by the Department against Applicant, and further reserves all rights including the rights to notice, to be heard, to appeal, and to any other due process respecting any action or proceeding by the Department, including the enforcement of this Agreement. The existence of this Agreement or Applicant's compliance with it shall not be construed as an admission of any liability, fault, wrongdoing, or violation of law by Applicant, and shall not give rise to any presumption of law or finding of fact which shall inure to the benefit of any third party.

B. Notwithstanding the foregoing, Applicant hereby waives any right it may have to make a claim pursuant to Article 12 of the Navigation Law with respect to the Site and releases the State and the New York Environmental Protection and Spill Compensation Fund from any and all legal or equitable claims, suits, causes of action, or demands whatsoever with respect to the Site that Applicant may have as a result of Applicant's entering into or fulfilling the terms of this Agreement.

VIII. Indemnification

Applicant shall indemnify and hold the Department, the State of New York, and their representatives and employees harmless from any claim, suit, action, and cost of every name and description arising out of or resulting from the fulfillment or attempted fulfillment of this Agreement by Applicant prior to the Termination Date except for those claims, suits, actions, and costs arising from the State's gross negligence or willful or intentional misconduct by the Department, the State of New York, and/or their representatives and employees during the course of any activities conducted pursuant to this Agreement. In the event that the Applicant is a Participant, this provision shall also include the Trustee of the State's Natural Resources. The Department shall provide Applicant with written notice no less than thirty (30) days prior to commencing a lawsuit seeking indemnification pursuant to this Paragraph.

IX. Change of Use

Applicant shall notify the Department at least sixty (60) days in advance of any change of use, as defined in ECL § 27-1425, which is proposed for the Site, in accordance with the provisions of 6 NYCRR § 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Applicant of such determination within forty-five (45) days of receipt of such notice.

X. Environmental Easement

A. Within thirty (30) days after the Department's approval of a Remedial Work Plan which relies upon one or more institutional and/or engineering controls, or within sixty (60) days after the Department's determination pursuant to Subparagraph II.E.2 that additional remediation is not needed based upon use restrictions, Applicant shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36 and 6 NYCRR § 375-1.8(h)(2). Applicant shall cause such instrument to be recorded with the recording officer for the county in which the Site is located within thirty (30) days after the Department's approval of such instrument. Applicant shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy within thirty (30) days of such recording (or such longer period of time as may be required to obtain a certified copy

provided Applicant advises the Department of the status of its efforts to obtain same within such thirty (30) day period), which shall be deemed to be incorporated into this Agreement.

B. Applicant or the owner of the Site may petition the Department to modify or extinguish the Environmental Easement filed pursuant to this Agreement at such time as it can certify that the Site is protective of public health and the environment without reliance upon the restrictions set forth in such instrument. Such certification shall be made by a Professional Engineer or Qualified Environmental Professional as defined at 6 NYCRR § 375-1.2(ak) approved by the Department. The Department will not unreasonably withhold its consent.

XI. Progress Reports

Applicant shall submit a written progress report of its actions under this Agreement to the parties identified in Subparagraph III.A.1 of the Agreement by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination Date, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Site during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Applicant in connection with this Site, whether under this Agreement or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XII. Termination of Agreement

Applicant or the Department may terminate this Agreement consistent with the provisions of 6 NYCRR §§ 375-3.5(b), (c), and (d) by providing written notification to the parties listed in Paragraph IV of the Agreement.

XIII. Dispute Resolution

A. In the event disputes arise under this Agreement, Applicant may, within fifteen (15) days after Applicant knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR § 375-1.5(b)(2).

B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to Paragraph V of Appendix A of this Agreement, if applicable.

C. Notwithstanding any other rights otherwise authorized in law or equity, any disputes pursuant to this Agreement shall be limited to Departmental decisions on remedial activities. In no event shall such dispute authorize a challenge to the applicable statute or regulation.

XIV. Miscellaneous

A. If the information provided and any certifications made by Applicant are not materially accurate and complete, this Agreement, except with respect to Applicant's obligations pursuant to Paragraphs V, if applicable, and VII.B, and VIII, shall be null and void ab initio fifteen (15) days after the Department's notification of such inaccuracy or incompleteness or fifteen (15) days after issuance of a final decision resolving a dispute pursuant to Paragraph XIII, whichever is later, unless Applicant submits information within that fifteen (15) day time period indicating that the information provided and the certifications made were materially accurate and complete. In the event this Agreement is rendered null and void, any Certificate of Completion and/or Liability Limitation that may have been issued or may have arisen under this Agreement shall also be null and void ab initio, and the Department shall reserve all rights that it may have under law.

B. By entering into this Agreement, Applicant agrees to comply with and be bound by the provisions of 6 NYCRR §§ 375-1, 375-3 and 375-6; the provisions of such subparts that are referenced herein are referenced for clarity and convenience only and the failure of this Agreement to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Agreement.

C. The Department may exempt Applicant from the requirement to obtain any state or local

permit or other authorization for any activity conducted pursuant to this Agreement in accordance with 6 NYCRR §§ 375-1.12(b), (c), and (d).

D. 1. Applicant shall use "best efforts" to obtain all Site access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Applicant's obligations under this Agreement, including all Department-approved Work Plans and the schedules contained therein. If, despite Applicant's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Applicant shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Applicant in obtaining same.

2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Applicant to modify the Work Plan pursuant to 6 NYCRR § 375-1.6(d)(3) to reflect changes necessitated by Applicant's inability to obtain such interest.

E. The paragraph headings set forth in this Agreement are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Agreement.

F. 1. The terms of this Agreement shall constitute the complete and entire agreement between the Department and Applicant concerning the implementation of the activities required by this Agreement. No term, condition, understanding, or agreement purporting to modify or vary any term of this Agreement shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Applicant of its obligation to obtain such formal approvals as may be required by this Agreement. In the event of a conflict between the terms of this Agreement and any Work Plan submitted pursuant to this Agreement, the terms of this Agreement shall control over the terms of the Work Plan(s). Applicant consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Agreement.

2. i. Except as set forth herein, if Applicant desires that any provision of this Agreement be changed, Applicant shall make timely written application to the Commissioner with copies to the parties in Subparagraph IV.A.1 of the Agreement.

ii. If Applicant seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1 of the Agreement.

iii. Requests for a change to a time frame set forth in this Agreement shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Applicant promptly.

G. 1. If there are multiple parties signing this Agreement, the term "Applicant" shall be read in the plural, the obligations of each such party under this Agreement are joint and several, and the insolvency of or failure by any Applicant to implement any obligations under this Agreement shall not affect the obligations of the remaining Applicant(s) under this Agreement.

2. If Applicant is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Agreement are joint and several and the insolvency or failure of any general partner to implement any obligations under this Agreement shall not affect the obligations of the remaining partner(s) under this Agreement.

3. Notwithstanding the foregoing Subparagraphs XIV.G.1 and 2, if multiple parties sign this Agreement as Applicants but not all of the signing parties elect to implement a Work Plan, all Applicants are jointly and severally liable for each and every obligation under this Agreement through the completion of activities in such Work Plan that all such parties consented to; thereafter, only those Applicants electing to perform additional work shall be jointly and severally liable under this Agreement for the obligations and activities under such additional Work Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Agreement relative to the activities set forth in such Work Plan(s). Further, only those Applicants electing to implement such additional Work Plan(s) shall be

eligible to receive the Liability Limitation referenced in Paragraph VI.

4. Any change to parties pursuant to this Agreement, including successors and assigns through acquisition of title, is subject to approval by the Department, after submittal of an application acceptable to the Department.

H. Applicant shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL § 27-1421(6) and 6 NYCRR § 375-1.5(b)(5).

I. Applicant shall not be considered an operator of the Site solely by virtue of having executed and/or implemented this Agreement.

J. Applicant and Applicant's agents, grantees, lessees, sublessees, successors, and assigns shall be bound by this Agreement. Any change in ownership of Applicant including, but not limited to, any transfer of assets or real or personal property, shall in no way alter Applicant's responsibilities under this Agreement.

K. Unless otherwise expressly provided herein, terms used in this Agreement which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

L. Applicant's obligations under this Agreement shall not be deemed to constitute any type of fine or penalty.

M. In accordance with 6 NYCRR § 375-1.6(a)(4), the Department shall be notified at least 7 days in advance of, and be allowed to attend, any field activities to be conducted under a Department approved work plan, as well as any pre-bid meetings, job progress meetings, substantial completion meeting and inspection, and final inspection and meeting; provided, however that the Department may be excluded from portions of meetings where privileged matters are discussed.

N. In accordance with 6 NYCRR § 375-1.11(a), all work plans; reports, including all attachments and appendices, and certifications, submitted by a remedial party shall be submitted in print, as well as in an electronic format acceptable to the Department.

O. This Agreement may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.

D-2

Phase I Environmental Site Assessment

Prepared by EBC

LANGAN

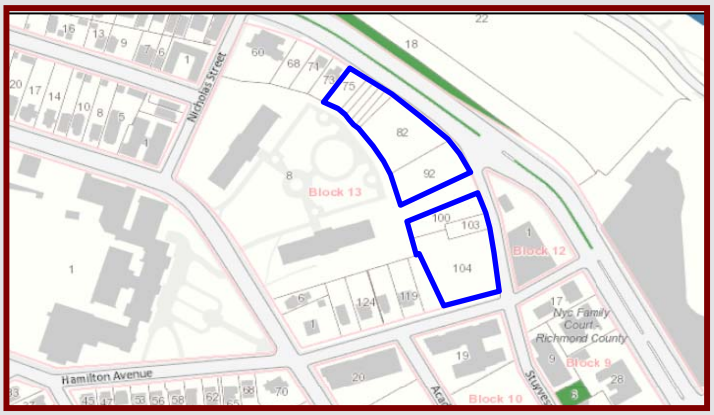
PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

August 29, 2018

170-194 Richmond Terrace and 8-20 Stuyvesant Place,
Staten Island, NY 10301

EBC Project No: MRC1805

Block 13, Lot Nos. 75, 78, 79, 80, 81, 82, 92, 100, 103 and 104



Prepared for:

Madison Realty Capital
835 Third Avenue, 37th Floor
New York, NY 10022

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

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EXECUTIVE SUMMARY

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the undeveloped property located on the west side of Richmond Terrace, between Nicholas Street to the north, and Hamilton Place to the south, in the St. George section of the Borough of Staten Island, New York City, Richmond County, New York (hereinafter the "subject property"). Stuyvesant Place also borders portions of the subject property to the east and Hamilton Place borders it to the south. The subject property is identified by the street address of 170-194 Richmond Terrance and 8-20 Stuyvesant Place, and as Borough 5 – Block 13 – Lot Nos. 75, 78, 79, 80, 81, 82, 92, 100, 103, and 104 on the New York City (NYC) tax maps.

The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions. Recognized environmental conditions are defied as the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-13 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

EBC was able to establish a history for the property dating back to 1891. According to a review of NYC records, Sanborn maps, aerial photographs, historic city directories, and historic topographic maps, as well as personal interviews, eastern portions appeared to be developed with several small structures, likely residences, from at least 1891. By 1989, the first available Sanborn map, the site was developed with eight small residences, at the northern and southern portions. By 1917, several additional residences were constructed on the southern portions. By the late-1930s, one of the residences on the southern portion was demolished and replaced with a garage. Between the mid-1960s and late-1970s, each of the residences and the garage were demolished, except for the northernmost residence. The last remaining residence was demolished circa 2005. The foundations at the northern portion were constructed in 2006.

The property is currently undeveloped, unpaved, and densely wooded/overgrown, with the exception of several concrete building foundations at the far northern portion. These foundations begin below the sidewalk

grade, indicative of a basement level, and extend about 8 to 10 feet above sidewalk grade. Concrete retaining walls between 2 and 6 feet tall are located along portions of the eastern property boundary. Chain-link fencing also borders portions of the southern and eastern property boundaries, with a gated entrance leading from Hamilton Avenue at the southeastern corner. Sidewalk areas located to the east, along Richmond Terrace and Stuyvesant Place.

Based on the results of the site inspection, records review and interviews, it was determined that there were no RECs, historic recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs) identified for the subject property. However, EBC identified one environmental concern (ASTM Non-Scope issue/Business Environmental Risk [BER]). The environmental concern/BER is summarized as follows:

- Information obtained from various historic sources indicated that the northern and southern portions of the subject property were developed with multiple residences from at least the 1890s. The majority of the residences were demolished in the 1960s and 1970s, with the final building demolished in 2006. As such, there was potential for fill materials to be present (utilized to backfill the foundations and/or basements of the former structures following their demolition). The presence of fill materials was evaluated by in 2014 as part of a Phase II Investigation. No evidence of fill material was identified during the investigation; however, several soil samples contained lead, mercury and/or selenium at concentrations slightly above applicable regulatory criteria. The presence of these metals alone does not indicate evidence of significant contamination nor do they warrant further investigation/remediation.

1.0 INTRODUCTION

1.1 Purpose

This document is a Phase I Environmental Site Assessment (ESA) prepared to determine recognized environmental conditions (RECs) and/or potential environmental concerns (PECs) in connection with the undeveloped property located on the west side of Richmond Terrace, between Nicholas Street to the north, and Hamilton Place to the south, in the St. George section of the Borough of Staten Island, New York City, Richmond County, New York (hereinafter the "subject property"). Stuyvesant Place also borders portions of the subject property to the east and Hamilton Place borders it to the south. The subject property is identified by the street address of 170-194 Richmond Terrance and 8-20 Stuyvesant Place, and as Borough 5 – Block 13 – Lot Nos. 75, 78, 79, 80, 81, 82, 92, 100, 103, and 104 on the New York City (NYC) tax maps (**Figures 1 through 4)**. Representative site photographs are included in Appendix A.

1.2 Detailed Scope of Services

This Phase I ESA has been prepared in accordance with procedures established by environmental professionals and in concert with the guidance of regulatory agencies and funding institutions and American Society of Testing and Materials (ASTM) Practice E1527-13, inclusive of the United States Environmental Protection Agency (USEPA) "all appropriate inquiry" requirement published in the Federal Register on November 1, 2005. The USEPA "all appropriate inquiry" requirement establishes specific regulatory requirements for conducting all appropriate inquiries into the previous ownership, uses, and environmental conditions of a property for the purposes of qualifying for certain landowner liability protections under Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

The purpose of ASTM Practice E1527-13 is to define good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of CERCLA and petroleum products. As such, the practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability; that is, the practices that constitute "all appropriate inquiry into the previous

ownership and uses of the property consistent with good commercial or customary practice" as defined in 42 U.S.C. §9601 (35)(B).

As stated in ASTM Practice E1527-13, the purpose of the Phase I ESA is to identify, to the extent feasible pursuant to the process established by ASTM Practice E1527-13, *"recognized environmental conditions in connection with the subject commercial parcel."*

The term *recognized environmental conditions*, as defined by ASTM Practice E1527-13 means*"...the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."*

"The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be de minimis are not recognized environmental conditions. A material threat is a physically observable or obvious threat which is reasonably likely to lead to a release that is threatening and might result in impact to human health and the environment."

This Phase I Environmental Site Assessment, as required by ASTM Practice E1527-13, specifically consists of the following four components:

1. Records Review;
    a. Physical settings document review;
    b. Regulatory database records search;
    c. Local municipal agency records search; and
    d. Historic use records search.
2. Site Reconnaissance;
3. Interviews with Past and Present Owners and Occupants; and
4. Evaluation and Reporting.

As stated in Practice E1527-13, there may be environmental issues or conditions at the property, which may be requested by the user to be addressed as part of the Phase I ESA, which are not covered within the

scope of ASTM Practice E1527-13. The issues are referred to as non-scope considerations. The following is a list of non-scope considerations, which may be addressed, in a limited capacity within this Phase I Environmental Site Assessment:

- Radon;
- Lead-Based Paint;
- Asbestos-Containing Materials;
- Wetlands; and
- Mold and Water Damage.

1.3 Significant Assumptions

In preparation of the Phase I Environmental Site Assessment, it is assumed that information provided within the Environmental Database, regulatory agency records, municipal agency records, as well as information obtained from the user is accurate.

1.4 Limitations and Exceptions

The conclusions presented in this report are professional opinions based on the data described in this report. These opinions have been arrived at in accordance with currently accepted engineering and hydrogeologic standards and practices applicable to this location, and are subject to the following inherent limitations:

1. The data presented in this report are from visual inspections, examination of records in the public domain, and interviews with individuals having information about the subject property. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration of the subject property, analysis of data, and re-evaluation of the findings, observations, and conclusions presented in this report;

2. The data reported and the findings, observations, and conclusions expressed are limited by the scope of work and defined in ASTM Practice E1527-13. Any deviations from this scope are defined below. Furthermore, the scope of work was defined and developed pursuant to the request of the Client;

3. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported, findings, observations, or conclusions. These are based solely upon site conditions in

existence at the time of the investigation, and other information obtained and reviewed by Environmental Business Consultants (EBC);

4. EBC's Phase I ESA report presents professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report will not be construed to offer legal opinion or representations as to the requirements of, or compliance with, environmental laws, rules, or regulations, or policies of federal, state, or local government agencies. EBC does not assume liability for financial or other losses or subsequent damage caused by or related to any use of this document;

5. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the subject property and should not be interpreted as such. An evaluation of subsurface soil and groundwater conditions was not performed as part of this investigation. As at any site, the actual condition of the groundwater and sub-surface soil cannot be determined without further investigation;

6. This report is based, in part, on information supplied to EBC by third-party sources. While efforts have been made to substantiate this third-party information, EBC cannot attest to the completeness or accuracy of information provided by others; and

7. The Phase I ESA practice does not include any testing or sampling of materials (e.g., soil, water, air, building materials).

1.5 User Reliance

This report was prepared in August 2018 by EBC at the request of Mr. Zachary Kadden representing Madison Realty Capital, for use by Madison Realty Capital, their legal and consulting representatives and other agents authorized to act on their behalf, in conjunction with the sale or lease of the subject property. EBC assumes no liability for use of this report by any person or entity other than those, for which it was prepared.

2.0 SITE DESCRIPTION

2.1 Property and Address Location

The subject property consists of ten non-contiguous tax parcels located on the west side of Richmond Terrace, between Nicholas Street to the north, and Hamilton Place to the south, in the St. George section of the Borough of Staten Island, New York City, Richmond County, New York. Stuyvesant Place also borders portions of the subject property to the east and Hamilton Place borders it to the south. The subject property is identified by the street address of 170-194 Richmond Terrance and 8-20 Stuyvesant Place.

2.1.1 Tax Map Number

The subject property is designated as Borough 5 – Block 13 – Lot Nos. 75, 78, 79, 80, 81, 82, 92, 100, 103, and 104 on the New York City (NYC) tax maps.

2.1.2 Acreage and Building Size

According to New York City Tax Maps, the subject property is comprised of a ten non-contiguous irregular-shaped parcels, totaling 2.05 acre (89,202 square foot). The property is currently undeveloped, unpaved, and densely wooded/overgrown, with the exception of several concrete building foundations at the far northern portion. Concrete retaining walls and chain-link fencing also border portions of the southern and eastern property boundaries. Sidewalk areas located to the east, along Richmond Terrace and Stuyvesant Place.

2.1.3 Ownership

According to information maintained by the New York City Department of Finance, the current property owner is identified as Liberty Towers Realty I LLC (Lot Nos. 75, 78, 79, 80, and 81) and Liberty Towers Realty LLC (Lot Nos. 82, 92, 100, 103, and 104).

2.1.4 Zoning

According to the City of New York Zoning Maps, the subject property is zoned for residential (R6) use with a C2-2 commercial overlay (**Figures 5A and 5B**).

2.2 Current Occupancy and Property Use

The property is currently undeveloped, unpaved, and densely wooded/overgrown, with the exception of several concrete building foundations at the far northern portion. These foundations begin below the sidewalk grade, indicative of a basement level, and extend about 8 to 10 feet above sidewalk grade. Concrete retaining

walls between 2 and 6 feet tall are located along portions of the eastern property boundary. Chain-link fencing also borders portions of the southern and eastern property boundaries, with a gated entrance leading from Hamilton Avenue at the southeastern corner. Sidewalk areas located to the east, along Richmond Terrace and Stuyvesant Place.

3.0 USER PROVIDED INFORMATION

3.1 Title Records

As of the date of this report the Client did not engage EBC to perform a Chain of Title review nor was a Chain of Title provided for review.

3.2 Environmental Liens

An environmental lien is a charge, security or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup or other remediation of hazardous substances or petroleum products upon a property, including, but not limited to, liens imposed pursuant to CERCLA 42 USC § 9607 (1) & 9607(r) and similar state and local laws. The user has not made EBC aware of any environmental liens against the subject property and has not requested that EBC perform an environmental lien search for the subject property.

3.3 Specialized Knowledge

The user has not made EBC aware of any specialized knowledge regarding the chemicals or processes formerly in use at the subject or surrounding properties.

3.4 Commonly Known or Reasonably Ascertainable Information

The user has not made EBC aware of any commonly known or reasonably ascertainable information regarding the past uses of the Subject property, specific chemicals in use at the Subject property or any spills, chemical releases or environmental cleanups at the Subject property.

3.5 Valuation Reduction for Environmental Issues

The user has not made EBC aware of any valuation reduction regarding the sale price of the property.

3.6 Reason for Performing Phase I ESA

The Phase I ESA was performed to identify recognized environmental conditions at the Subject property as part of the due diligence to support the acquisition of the property by Madison Realty Capital.

4.0 SITE GEOLOGY AND HYDROGEOLOGY

4.1 Topography and Site Characteristics

4.1.1 Elevation

The topography of the site and surrounding area was reviewed from the United States Geological Survey (USGS) 7.5-minute series topographic map for the Jersey City, NJ-NY Quadrangle (**Figure 4**). The elevation of the subject property ranges from approximately 90feet above mean sea level (amsl), along its western boundary to 45 feet amsl at the east-central portion along Richmond Terrace. The subject property is moderately sloped with the general topographic gradient sloping downward to the east-northeast.

4.1.2 Surface Water Bodies

There are no surface water bodies on or adjacent to the subject property. The nearest surface water body is Raritan Bay (Lower New York Harbor), located approximately 0.1 mile north at its closest point.

4.1.3 Soils

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. Soil maps, based on the State Soil Geographic (STATSGO) Database, are compiled by generalizing more detailed Soil Survey Geographic (SSURGO) database maps.

According to the STATSGO data, the soil component in the vicinity of the subject property is identified as Urban Land and is described as having a variable surface texture. The STATSGO database states that additional subordinate soil types may be present in the general vicinity of the subject property. These soil types are described as mainly loamy sand and silt loam. Deeper soil types consist of very gravelly, loamy sand, unweathered bedrock and stratified sandy loam.

Additional information regarding the soil classification is also included in on Page A-4 of the Environmental Data Resources, Inc. (EDR) database report (Appendix D).

4.2 Groundwater Characteristics

4.2.1 Depth to the Water and Groundwater Flow Direction

Estimated depth to groundwater and groundwater flow direction typically varies due to seasonal fluctuations in precipitation, local usage demands, hydrogeology, underground structures, or de-watering operations (if any). Generally, groundwater flow typically mimics the surface topography and will also tend to flow toward nearby bodies of surface water. Information contained in the EDR database report, the USGS Composite Water-Table Map of Staten Island, 1931-1986 (**Figure 6**), the USGS web site and topographic map were used to estimate groundwater depth and flow direction.

Based upon surface elevations of 45 to 90 feet amsl, the depth to groundwater in the vicinity of the subject property is approximately 35 to 65 feet below grade surface (bgs). Groundwater is expected to flow to the east-northeast, toward Raritan Bay (New York Harbor) and consistent with the regional trend.

A review of well data available from the USGS indicates that there are no USGS monitoring wells with available groundwater elevation data within a one-mile radius of the subject property.

4.3 Geology

According to the USGS Ground Water Atlas of the United States, New York region (1995), the site is located within the New England Physiographic Province, which is underlain by metamorphic and sedimentary rocks of the Cambrian and Ordovician period. The bedrock that underlies much of the island of Manhattan is known as the Manhattan schist, which is a formation of mica schist rock that is well suited for the foundations of tall buildings, and in fact, the two large concentrations of skyscrapers on the island occur where the formation is close to the surface.

5.0 SITE HISTORY

5.1 Municipal Records Review

As the subject property is located in the Borough of Staten Island, New York City, Richmond County, on-line records searches were conducted or Freedom of Information Act (FOIA) requests were sent to the following agencies: New York City Department of Finance, New York City Registrar, New York City Department of Buildings, the New York City Fire Department, the New York City Department of Environmental Protection (NYCDEP), the New York City Department of Health (NYCDOH), and the New York State Department of Environmental Conservation (NYSDEC) requesting available regulatory information regarding the subject property. Regulatory agencies usually take six to eight weeks to process FOIA requests. Responses/information received to date are included in Appendix B. Any additional responses will be reviewed and forwarded upon receipt. As of the date of this report, the following information has been received:

New York City Department of Finance

The following is a summary of pertinent information obtained:

Tax Lot:	Borough 5 – Block 13 – Lot No. 75
Address:	194 Richmond Terrace
Owner:	Liberty Towers Realty I LLC
Lot Size:	53 by 103 feet – irregular
Building Class:	A5 – One-family attached or semi-detached
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 78
Address:	188 Richmond Terrace
Owner:	Liberty Towers Realty I LLC
Lot Size:	17.69 by 102.5 feet – irregular
Building Class:	A5 – One-family attached or semi-detached
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 79
Address:	186 Richmond Terrace
Owner:	Liberty Towers Realty I LLC
Lot Size:	175.5 by 105 feet – irregular
Building Class:	A5 – One-family attached or semi-detached
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 80
Address:	184 Richmond Terrace
Owner:	Liberty Towers Realty I LLC
Lot Size:	17.5 by 107 feet – irregular
Building Class:	A5 – One-family attached or semi-detached
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 81
Address:	180 Richmond Terrace
Owner:	Liberty Towers Realty I LLC
Lot Size:	21 by 112 feet – irregular
Building Class:	A5 – One-family attached or semi-detached
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 82
Address:	178 Richmond Terrace
Owner:	Liberty Towers Realty LLC
Lot Size:	171 by 164 feet – irregular
Building Class:	V1 – Vacant land, zoned commercial or Manhattan residential
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 92
Address:	Richmond Terrace
Owner:	Liberty Towers Realty LLC
Lot Size:	100 by 184 feet – irregular
Building Class:	V0 – Vacant land, zoned residential not Manhattan
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 100
Address:	Richmond Terrace
Owner:	Liberty Towers Realty LLC
Lot Size:	50 by 184 feet – irregular
Building Class:	V1 – Vacant land, zoned commercial or Manhattan residential
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 103
Address:	Richmond Terrace
Owner:	Liberty Towers Realty LLC
Lot Size:	40 by 100 feet – irregular
Building Class:	V1 – Vacant land, zone commercial or Manhattan residential
Zoning:	Residential (R6), with a C2-2 commercial overlay

Tax Lot:	Borough 5 – Block 13 – Lot No. 104
Address:	Richmond Terrace
Owner:	Liberty Towers Realty LLC
Lot Size:	161 by 132 feet – irregular
Building Class:	V1 – Vacant land, zone commercial or Manhattan residential
Zoning:	Residential (R6), with a C2-2 commercial overlay

New York City Department Buildings

Computerized Property Profile Overviews (PPOs) available from the New York City Department of Buildings (NYCDOB) Building Information System (BIS) website were reviewed for information regarding the subject property. Pertinent information regarding the Site is summarized below:

Lot No. 75

Four Actions are listed for this parcel: one Complaint, dated in 1975; one plumbing repair slip, dated in 1953; and two violations, one undated and the other dated in 1911.

Twenty-one DOB and one Environmental Control Board (ECB) violations are listed for this parcel. Twenty of the DOB violations and the one ECB violation are identified as closed/resolved. The one open DOB violation, dated in May 2007, is related to work without a permit. The open/active violation does not appear

to represent an environmental concern; however, action should be taken to resolve it with the appropriate agency.

Twenty-six Complaints are listed for this parcel, dated between 1990 and 2008, and related to a fire and partial collapse, illegal storage of cars and other vehicles, structural stability, illegal occupancy, excavation and construction without permits, and unsafe/improper demolition. Each of the Complaints is identified as closed/resolved.

Four Jobs/Filings and no ARA/LAA jobs are listed for this parcel. The listed Jobs/Filings are summarized as follows:

- No. 500781978, dated June 6, 2005, an application was filed for structural work associated with a proposed new building;
- No. 500781978, dated June 6, 2005; a partial permit was issued to construct a new 5-story building;
- No. 500759342, dated March 24, 2005, an application was filed for pavement plans associated with a proposed new building; and
- No. 500149975, dated March 14, 1995; a permit was issued demolish an existing 3-story residence.

Lot No. 78

Six Actions are listed for this parcel: three alteration permits, one undated and the others dated in 1948 (2); two Complaints, dated in 1948 and 1970; and one unknown/unspecified item dated in 1951.

Two DOB and two ECB violations are listed for this parcel. One of the DOB violations and both ECB violations are identified as closed/resolved. The one open DOB violation, dated in September 2008, is related to work without a permit. The open/active violation does not appear to represent an environmental concern; however, action should be taken to resolve it with the appropriate agency.

Six Complaints are listed for this parcel, dated between January 2006 and September 2008, and related to inadequate shoring, removal of trees and changes to topography in a hillside preservation area, excavation and construction without permits, and unsafe/improper demolition. Each of the Complaints is identified as closed/resolved.

Two Jobs/Filings and no ARA/LAA jobs are listed for this parcel. The listed Jobs/Filings are summarized as follows:

- No. 500781978, dated June 13, 2005,a partial permit was issued to construct a new residential building; and
- No. 500781978, dated June 9, 2005; an application was filed for structural work associated with a proposed new building.

Lot No. 79

No Actions are listed for this parcel.

No DOB and one ECB violation are listed for this parcel. The listed ECB violation is identified as closed/resolved.

Three Complaints are listed for this parcel, dated between January 2006 and September 2008, and related to inadequate shoring, removal of trees and changes to topography in a hillside preservation area, and unsafe/improper demolition. Each of the Complaints is identified as closed/resolved.

Two Jobs/Filings and no ARA/LAA jobs are listed for this parcel. The listed Jobs/Filings are summarized as follows:

- No. 500782584, dated June 13, 2005,a partial permit was issued to construct a new residential building; and
- No. 500782584, dated June 9, 2005; an application was filed for structural work associated with a proposed new building.

Lot No. 80

No Actions are listed for this parcel.

One DOB and no ECB violations are listed for this parcel. The one DOB violation, dated in September 2008, is open/active and related to work without a permit. The open/active violation does not appear to represent an environmental concern; however, action should be taken to resolve it with the appropriate agency.

Two Complaints are listed for this parcel, dated between January 2006 and September 2008, and related to inadequate shoring, removal of trees and changes to topography in a hillside preservation area, and unsafe/improper demolition. Both of the Complaints is identified as closed/resolved.

Three Jobs/Filings and no ARA/LAA jobs are listed for this parcel. The listed Jobs/Filings are summarized as follows:

- No. 500782593, dated June 13, 2005,a partial permit was issued to construct a new residential building;
- No. 500782593, dated June 9, 2005; an application was filed for structural work associated with a proposed new building; and
- No. 500773111, dated April 14, 2005, an application was filed for pavement plans associated with a proposed new building.

Lot No. 81

No Actions are listed for this parcel.

One DOB and two ECB violations are listed for this parcel. Both of the listed ECB violations are identified as closed/resolved. The one open DOB violation, dated in 2006, is related to work without a permit. The open/active violation does not appear to represent an environmental concern; however, action should be taken to resolve it with the appropriate agency.

Four Complaints are listed for this parcel, both dated between 2006 and 2008, and related to unsafe demolition, a damaged/falling construction fence, absence of proper sheeting/shoring, and the removal of trees/altering topography in a hillside preservation zone. Each Complaint is identified as closed/resolved.

Two Jobs/Filings and no ARA/LAA jobs are listed for this parcel. The listed Jobs/Filings are summarized as follows:

- No. 50087600, dated June 13, 2005, structural plans were filed in conjunction with a new building; and
- No. 50087600, dated June 13, 2005; a partial permit was issued for a new 5-story building.

Lot No. 82

Three Actions are listed for this parcel: two miscellaneous items, both dated in 1987 and one new building notice, dated in 1987.

Two DOB and no Environmental Control Board (ECB) violations are listed for this parcel. One of the listed DOB violations is identified as closed/resolved. The one open DOB violation, dated in 2008, is related to work without a permit. The open/active violation does not appear to represent an environmental concern; however, action should be taken to resolve it with the appropriate agency.

Three Complaints are listed for this parcel, both dated between 2006 and 2009, and related to a staled construction project, illegal storage of cars and other vehicles, and the construction of a road and altering topography in a hillside preservation zone. Each Complaint is identified as closed/resolved.

Eight Jobs/Filings and no ARA/LAA jobs are listed for this parcel. The listed Jobs/Filings are summarized as follows:

- No. 510046905, dated June 30, 2008, a modification was filed for prior plumbing plans;
- No. 510046371, dated June 26, 2008; structural plans were filed in conjunction with a new building;
- No. 510046371, dated June 26, 2008, plans were filed for a proposed new building;
- No. 510045014, dated June 25, 2008; geotechnical excavation and shoring plans were filed in association with a new building;
- No. 510045862, dated June 24, 2008, a builders pavement plan was filed in association with a new building;
- No. 510045014, dated June 17, 2008; foundation and structural plans were filed in association with a new building;
- No. 510036925, dated May 12, an application was filed to construct a proposed new building; and
- No. 500347421, dated April 8, 1999; a permit was issued to install a fence at a proposed construction site.

Lot No. 92

One Action is listed for this parcel: one new building notice, dated in 1956.

One DOB and no ECB violations are listed for this parcel. The listed DOB violation, dated in 2006, is related to work without a permit, and remains open/active. The open/active violation does not appear to represent an environmental concern; however, action should be taken to resolve it with the appropriate agency.

No Jobs/Filings, or ARA/LAA jobs are listed for this parcel.

Lot No. 100

One Action is listed for this parcel: one alteration permit, undated.

No DOB violations, ECB violations, Complaints, Jobs/Filings, or ARA/LAA jobs are listed for this parcel.

Lot No. 103

Five Actions are listed for this parcel: one building notice, dated in 1951; one complaint, dated in 1964; one demolition permit, dated in 1975; one unsafe building notice, dated in 1974; and one unknown/unspecified item, undated.

No DOB violations, ECB violations, Complaints, Jobs/Filings, or ARA/LAA jobs are listed for this parcel.

Lot No. 104

Four Actions are listed for this parcel: one C/O, dated in 1965; one complaint, dated in 1962; one demolition permit, dated in 1964; and one unsafe building notice, dated in 1963. The C/O identified the parcel as developed with a 1-story residence with a basement (1965).

One DOB and no ECB violations are listed for this parcel. The listed DOB violation, dated in 1964, is identified as closed/resolved.

No Complaints, Jobs/Filings, or ARA/LAA jobs are listed for this parcel.

New York City Fire Department

Freedom of Information Law (FOIL) application FOIL applications were forwarded to the New York City Fire Department (FDNY) on August 29, 2018. Responses from the FDNY are pending.

New York City Department of Health

A FOIL application was forwarded to the New York City Department of Health (NYCDOH) on August 29, 2018. A response from this agency is pending.

New York City Department of Environmental Protection

A FOIL application was forwarded to the New York City Department of Environmental Protection (NYCDEP) on August 29, 2018. Responses from the various NYCDEP Bureaus are pending.

5.2 Historical Resources Review

5.2.1 Sanborn Fire Insurance Map Review

EDR conducted a search of available Sanborn Fire Insurance Maps for the subject property and immediate surrounding area. Fire Insurance Maps were provided for the years 1898, 1917, 1922, 1937, 1950, 1962, 1977, 1981, 1983, 1986, 1987, 1988, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, and 2007, (Appendix C). EBC's review of the Sanborn Maps is provided on the following table:

Date	Comments
1898	**Subject Property:** Shown as 12 small tax parcels, each fronting to the east along Richmond Terrace or Stuyvesant Place. The three northern parcels and four of the southern parcels are developed with a total of eight small 2-story residential homes (two on the southernmost parcel) with basements. **Surrounding Properties:** Additional residences are to the north, followed by Nicholas Street and Richmond Terrace, with railroad tracks beyond. The Castleton Hotel and several residences are to the west, followed by St. Mark's Place. Hamilton Avenue is to the south, followed by residences and undeveloped land, with a hotel further to the south-southeast. Richmond Terrace and Stuyvesant Place are to the east, followed by several residences and a railroad yard.
1905	**Subject Property:** Developed with nine 2 and 3-story residences. Two of the residences are at the northern portion, with one at the center and the remaining structures located close to each other on the southern portion. **Surrounding Properties:** Additional residences are to the north, followed by Nicholas Street and Richmond Terrace, with railroad tracks beyond. A garage is further to the northwest. Properties to the west and been redeveloped with several apartment buildings situated along a looping road identified as Castleton Park. Multiple residences are also to the west, between Castleton Park and Hamilton Avenue. St. Mark's Place is further to the west. Hamilton Avenue is to the south, followed by residences and undeveloped land, with a school further to the south. Richmond Terrace and Stuyvesant Place are to the east, followed by several residences and a railroad yard. Several residences are situated between the northern and southern portions of the subject property.
1922	**Subject and Surrounding Properties:** The 1922 map was obtained from a collection of historic pier maps, the map only depicts areas located along the Raritan Bay/Lower New York Harbor and adjacent areas associated with the freight shipping/storage. Areas west of Richmond Terrace are not depicted. As such, the subject property and adjacent areas to the north, south and west are shown. Richmond Terrance and Stuyvesant Place are to the east, followed by a railroad yard

1937-1962	**Subject Property:** Developed with two residential building at the northern portion, one of which is identified as a club. Four additional 2- and 3-story residences, including three 2-family buildings, and a 1-story garage are located on the southern portion. Central portions are undeveloped. **Surrounding Properties:** Developed generally consistent with their 1905 6map depictions, except that additional residence and a central heating plant have been constructed to the west along Castleton Park. A service station, a residence and multiple small garage buildings have been constructed across Stuyvesant Place to the east. Several municipal buildings, including a court house, a health center and a police precinct house are further to the south-southeast.
1977-2002	**Subject Property:** Shown as undeveloped land, except for a single 3-story residence and detached garage located at the far northern portion of the property (194 Richmond Terrace – Lot No. 75). **Surrounding Properties:** Residences are to the north, followed by an undeveloped parcel, Nicholas Street and Richmond Terrace. The properties to the west have been redeveloped with the existing Castleton Park Apartment complex, including a 2-level parking garage. Residences are also to the west, between the apartment complex and Hamilton Avenue. Hamilton Avenue is to the south, followed by an apartment building, with another apartment building to the southwest and a parking lot to the southeast. Richmond Terrance and Stuyvesant Place are to the east, followed by several commercial buildings, with a railroad yard beyond. An additional public building is present across Hamilton Avenue to the southeast beginning on the 1992 map.
2003-2004	**Subject Property:** Developed consistent with the 2002 map depiction. **Surrounding Properties:** Also developed consistent with their 2002map depictions, except that the railroad yard beyond Richmond Terrace to the east is shown as undeveloped land.
2005-2007	**Subject Property:** Developed consistent with the 2004 map depiction. The residence at the northern portion of the property is not visible beginning on the 2006 map. **Surrounding Properties:** Also developed consistent with their 2004 map depictions, except that the former railroad yard beyond Richmond Terrace has been redeveloped with a parking lot. The existing baseball stadium has also been constructed further to the southeast.

The Sanborn maps did not identify the presence of gasoline or other storage tanks on the subject property, and there is no evidence of historical industrial, agricultural or other environmentally sensitive (i.e., dry cleaner) usage which would indicate a potential environmental risk to the property. EBC notes that the eastern adjacent property, across Stuyvesant Place was identified as a service station from 1937 through 1962. This property was not identified on any regulatory agency database and is situated hydraulically downgradient. As such, it is unlikely that this former service station represents a significant environmental concern to the subject property.

5.2.2 Historic Aerial Photograph Review

EDR conducted a search and provided copies of available historical aerial photographs showing the subject and surrounding properties. Aerial photographs were provided for the years 1924, 1940, 1943, 1951, 1954, 1961, 1966, 1974, 1976, 1981, 1985, 1995, 2006, 2010, 2013, and 2017 (Appendix C). EBC's review of the Sanborn Maps is provided on the following table:

Date	Comments
1924	**Subject Property:** Northern and southern portions are developed with multiple small structures, consistent with the residences depicted on the Sanborn maps. Central portions are undeveloped and wooded. **Surrounding Properties:** Residences are to the north along Richmond Terrace and Nicholas Street. Nicholas Street is further to the north, with Richmond Terrace and railroad tracks beyond. Multiple apartment buildings ad Castleton Park are to the west, with residences along the north side of Hamilton Avenue. St. Mark's Place is further to the west. Hamilton Avenue is to the south, followed by residential development, with a commercial/government building further to the southeast. Richmond Terrace and Stuyvesant Place are to the east, with a railroad yard beyond.
1940-1961	**Subject Property:** Developed consistent with the 1924 aerial photograph depiction, except that central portions have been partially cleared, but remain undeveloped. **Surrounding Properties:** Also developed generally consistent their 1924 aerial photograph depictions, except that several commercial buildings are visible across Stuyvesant Place to the east. Additional residential/apartment buildings are to the west and additional commercial development is further to the southeast.
1966	**Subject Property:** Developed consistent with the 1961 aerial photograph depiction, except that most of the buildings on the southern portion have been demolished. **Surrounding Properties:** Also developed generally consistent with their 1961 aerial photograph depictions, except that the property to the south, across Hamilton Avenue, has been developed with the existing apartment building. An additional apartment building is to the southwest and a parking lot is across Stuyvesant Place to the east.
1974-1985	**Subject Property:** Developed consistent with the 166 aerial photograph depictions, except that only two structures remain, one at the northern portion and one at the southern portion. Remaining areas are vegetated or densely wooded, **Surrounding Properties:** Also shown generally consistent with their 1966 aerial photograph depictions, except that the western adjacent properties (former residences and apartments) have been redeveloped with the existing high-rise apartment complex and parking garage. Much of the railroad yard to the east appears abandoned and overgrown on the 1981aerial photograph, with portions converted to a parking lot by 1985.
2006-2017	**Subject Property:** Developed consistent with the 1995 aerial photograph depiction, except that the residence at the northern portion has been demolished and the existing building foundations have been constructed. **Surrounding Properties:** Also shown generally consistent with the 1995 aerial photograph depictions, except that the existing baseball stadium has been constructed to the east-southeast on portions of the former railroad yard. Surface parking lots are north of the stadium, also on the former railroad yard property. In addition, the property further to the north (SW corner of Richmond Terrace and Nicholas Street) is undeveloped. This property was redeveloped with the existing mixed-use (commercial/residential) building by 2010. The surface parking lots to the east are shown as being redeveloped with the existing parking garage on the 2017 aerial photograph.

The photographs do not show any evidence of historic water bodies, significant re-grading, mining or historic dumping activities, which would indicate a potential environmental risk to the property. However, due to the long term, dense urban use of the site and surrounding areas, the aerial photographs did not provide significant details regarding potential environmental concerns at the site or surrounding properties; therefore, EBC primarily relied on a review of the other historical sources to determine the former uses of the site and surrounding properties.

5.2.3 Historic Topographic Map Review

EBC reviewed the 2016 Jersey City, NJ-NY USGS topographic quadrangle maps, as well as available historic topographic quadrangle maps provided by EDR. EBC's review of the topographic maps is provided on the following table:

Date	Comments
1891-1925	**Subject Property:** Primarily undeveloped land, with several small buildings, likely residences, located at the far eastern portion, along Richmond Terrance and Stuyvesant Place. **Surrounding Properties:** Several structures are to the north, along Richmond Terrace and Nicholas Street. Railroad tracks and Raritan Bay are further to the north. A single structure is adjacent to the west, consistent with the Castleton Hotel depicted on the 1898 Sanborn map (see Section 5.2.1). St. Mark's Street is further to the west. Hamilton Avenue is to the south, followed by sparse development. Richmond Terrace and Stuyvesant Place are to the east, followed by railroad tracks and piers. The 1905 map does not depict any buildings or other structures.
1947	**Subject Property:** Obscured almost entirely by map text, with visible areas appearing to be undeveloped. **Surrounding Properties:** Undeveloped land is to the north, followed by several small structures, consistent with residences. Nicholas Street and Richmond Terrace are further to the north. A large, elongated structure and undeveloped land are to the west, followed by St. Mark's Place, with St. George's School beyond. Properties to the south are obscured by map text, with moderate development beyond. Richmond Terrace is to the east, with a railroad yard beyond. Additional areas to the east are obscured by map text.
1955-1981	**Subject Property:** Shaded pink to indicate dense, urban development with no improvements depicted **Surrounding Properties:** Shaded pink to indicate dense, urban development with no improvements depicted, except for a school and several municipal buildings further to the south and southeast. Richmond Terrace and Stuyvesant Place are adjacent to the east and Hamilton Avenue is adjacent to the south. A railroad yard is across Richmond Terrace to the east, with Raritan Bay/Lower new York Harbor beyond. St. Mark's Place is further to the west, with Curtis High School beyond.
2013-2016	**Subject and Surrounding Properties:** The 2013 and 2016 maps do not depict any buildings or other structures. Surrounding roads are visible, consistent with their current configuration. Raritan Bay/Lower New York Harbor is further to the north and east.

EBC's historic topographic map review did not reveal evidence of recognized environmental conditions in connection with the site or adjoining properties.

5.2.4 Historical City Directory Search

EDR conducted a search and provided copies of available historical city directory listings for the subject and adjacent properties. The historical city directory listings (Appendix D) were reviewed, to identify information regarding past uses of the subject and surrounding properties to determine if historical usage represented a REC to the subject property.

Date	Comments
1928	**Subject Property:** Davis & Davis Real Estate (8 Stuyvesant Place) and the names of individuals **Adjacent Properties:** The names of individuals
1934	**Subject Property:** "Address not Listed in Research Source" **Adjacent Properties:** Stone Cottage Studio (27 Hamilton Avenue) and the names of individuals
1960	**Subject Property:** Thom McAn Shoe Stores (170); Mae Moon Ladies Apparel (194); and the names of individuals **Adjacent Properties:** Stuyvesant Service Station (168), Castleton Apartments (153 St. Mark's Place); and the names of individuals
1965	**Subject Property:** Thom McAn Shoe Stores (170) and the names of individuals **Adjacent Properties:** Terrace Parking Systems (160); Stuyvesant Service Station (168); Alexander Hamilton Apartments, Inc. (36 Hamilton Avenue); and the names of individuals
1970	**Subject Property:** Thom McAn Shoe Stores (170) and the names of individuals **Adjacent Properties:** Terrace Service Station (168); R. Loring DDS (36 Hamilton Avenue); and names of individuals
1975	**Subject Property:** Thom McAn Shoe Stores (170) and the names of individuals **Adjacent Properties:** Alexander Hamilton Apartments, Inc. (36 and 56 Hamilton Avenue) and names of individuals
1979	**Subject Property:** The names of individuals **Adjacent Properties:** Donut Hut and Monahan AM (150) and names of individuals
1984	**Subject Property:** Richmond Health Care Supplies and Richmond Medical Electronics (170) and the names of individuals **Adjacent Properties:** Big Boy Discount Dairy and Donut Hut (150); SI Mental Health Society and the Jewish Board of Health and Family Services (140) and the names of individuals
1990	**Subject Property:** Richmond Health Care Supplies (170) and the names of individuals **Adjacent Properties:** Alcohol Counseling Service and Camelot of SI, Inc. (140); Big Boy Discount Dairy and Donut Hut (150); R. Loring DDS and Hamilton Avenue Corp. (36 Hamilton Avenue) and the names of individuals
1995	**Subject Property:** "Address not Listed in Research Source" **Adjacent Properties:** Vet Center and Vietnam Outreach Center (150); YMCA Counseling Services and Family Court (140); R. Loring DDS (3 Hamilton Avenue); Things Remembered (36 Hamilton Avenue); and the names of individuals
2000	**Subject Property:** "Address not Listed in Research Source" **Adjacent Properties:** Vet Center and Vietnam Outreach Center (150); NYC Housing Authority (140); R. Loring DDS (3 Hamilton Avenue); Hamilton Ave. Tenants Corp (36 Hamilton Avenue); Apartments (60 Hamilton Avenue); and the names of individuals
2005	**Subject Property:** "Address not Listed in Research Source" **Adjacent Properties:** SI Housing Authority and NYC Mental Hygiene (140); Country Donuts (160); and Hamilton Ave. Tenants Corp (36 Hamilton Avenue) and the names of individuals
2010	**Subject Property:** "Address not Listed in Research Source" **Adjacent Properties:** NYC Housing Authority (140); Project Hospitality Shine Center, Vet Center and Vietnam Outreach Center (150); Village Grilling & Greens Corp. and Old Fashion Donuts (160); Mando Magician (198); Computer Friendly, JC Special Events, LLC, RJ Temple Commercial, Budos Band LLC, Davis Associates, and 36 Hamilton Ave. Owners Corp. (36 Hamilton Avenue); Olivier Mercier Ltd., Camargo Enterprises , Max Potential Marketing,, Lost Cat Records Software Forest and Making Party (60 Hamilton Avenue); and the names of individuals

2014	**Subject Property:** "Address not Listed in Research Source" **Adjacent Properties:** NYC Housing Authority (140); Stars & Stripes Café (160); Air Traffic Control NY, (36 Hamilton Ave. Owners Corp., Budos Band LLC, JC Special Events, LLC, and Spring Valley Chinese (36 Hamilton Avenue); Olivier Mercier Ltd. and Camargo Enterprises (60 Hamilton Avenue); and the names of individuals

Note: Addresses shown in ( ) are on Richmond Terrace unless noted otherwise.

The city directory search did not identify any historic uses for the subject or surrounding properties that would be indicative of a potential environmental impact. EBC notes that the eastern adjacent property (168 Richmond Terrace) was identified as a service station from 1960 through 1970. This property was not identified on any regulatory agency database, operated for a relatively short period of time and is situated hydraulically downgradient. As such, it is unlikely that this former service station represents a significant environmental concern to the subject property.

5.2.5 Previous Environmental Site Assessments

EBC was provided copies of two prior Phase I ESAs, and a Phase II Environmental Assessment Report prepared for the subject property. The text portions of these reports are included in Appendix E. These reports are summarized as follows:

Phase I Environmental Site Assessment – Singer Environmental Group, Ltd. (SEG) – September 30, 2005

This Phase I ESA report is limited to the property identified as 8-20 Stuyvesant Place, 37 Hamilton Avenue and 170 & 178 Richmond Terrace, and as Block 13, Lot Nos. 82, 92, 100, 103, 104 and 116. Lot No. 116 is not included in the scope of this ESA. The copy of the report provided, included the report text only and no figures, photographs or appendices. As of the issue date of the 2005 report, the subject property was undeveloped, with assorted non-hazardous trash, including construction equipment, tires and broken fencing, as well as several soil mounds. According to the report, the following historical sources were reviewed: Sanborn maps from 1917 through 1996 and an undated USGS topographic map. The research revealed that the site was occupied comprised of residences and undeveloped land from at least 1917 through 1981, and as undeveloped land since 1983. Singer did not identify any recognized environmental conditions (RECs), and made no recommendations for additional investigation.

Phase I Environmental Site Assessment – Hydro Tech Environmental Corp. (HTEC) – January 3, 2014

HTEC identified the property was 178-194 Richmond Terrance and 8, 16 and 22-26 Stuyvesant Place, although the same tax parcels were identified as are included in the scope of this ESA. As of the issue date of the 2014 report, the subject property was undeveloped, except for several building foundations at the northern

portion of the property related to a construction project abandoned in 2004. HTEC also noted the presence of assorted non-hazardous trash and broken fencing. According to the report, the following historical sources were reviewed: Sanborn maps from 1898 through 2007; city directories from 1928 through 1990; and the SEG 2005 Phase I ESA. The research revealed that the site was developed with several residences, some with basements, from at least 1898. All but one of the residences were demolished by 1977, with the final residence demolished in 2005. HTEC identified two RECs, which are summarized as follows:

- There is a potential for undocumented fill materials to be present that were utilized to backfill the basements of the former residences following their demolition.
- There is a potential for underground storage tanks to be present that were associated with the former residences.

EBC was also provided a separate letter prepared by HTEC and dated December 18, 2013, which outlined the identified RECs. Neither the Phase I ESA report nor this letter provided any recommendations to address the RECs.

Phase II Environmental Site Assessment – HTEC – January 21, 2014

HTEC was subsequently retained to conduct a Phase II ESA to further evaluate the RECs identified in their January 2014 Phase I ESA. The Phase II consisted of a geophysical survey and a soil boring investigation with the collection and analysis of representative soil samples. The geophysical equipment was also utilized to clear each soil boring location for underground utilities. Twelve soil borings were drilled at representative locations with one sample per boring at depths between two and ten feet below grade, submitted for laboratory analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals.

The survey did not identify any geophysical anomalies indicative of a UST. Soils at the site were described as brown fine to medium-grained sand with gravel. No fill material, odors or staining were noted. The analytical results indicated that no VOCs or SVOC were detected above their respective NYSDEC Unrestricted Use Cleanup Objectives (UUSCOS). Several metals including lead, mercury and selenium were detected above their UUSCOs in one or more samples. Mercury was also present in one sample at a concentration exceeding is Restricted Residential Soil Cleanup Objective (RRSCO).

HTEC concluded that there were no USTs or evidence of fill materials identified on the site. However, due to the elevated levels if metals in site soils, any excavated material should be handled and disposed in accordance with applicable regulations. ECB considers the presence of elevated metals in site soils to be a Business Environmental Risk (BER).

5.2.6 Environmental Liens or Activity and Use Limitations

A search was conducted for Activity and Use Limitations (AULs) associated with the subject property, more specifically Institutional Controls (ICs) and/or Engineering Controls (ECs), which have been placed upon the property as a result of environmental issues identified at the property. In the City of New York, information on such AULs is maintained by the City of New York Department of City Planning (NYCDCP) and is commonly depicted on zoning maps with an "E" designation, as well as maintained within Chain of Title Records. For a site to be designated with an "E" restriction, several criteria must be met. First, a property must be included within a designated re-zoning area, then the property must be identified as a "Potential" or "Projected" re-development property, and finally, the site must be listed on one or more environmental regulatory databases as listed in the ASTM standard, be adjacent to such a site, and/or have historical usage associated with hazardous materials with the potential to impact human health and/or the environment should a release have occurred. Sites with an "E" designation require additional investigation and/or remediation be performed in order to determine if the historical use of a property, typically manufacturing or chemical usage, have impacted the site. No change of use or development requiring a building permit will be issued for an "E" designated site without approval from the New York City of Office of Environmental Remediation (NYCOER).

The search for environmental liens and AULs also included a review of information available from the New York City Department of Finance, New York City DOB, the EDR database report, City of New York Environmental Quality Review Requirement Declarations, City of New York Zoning maps, and the NYCDCP and NYCOER websites. Based upon a review of this information, no AULs or environmental liens were identified for the property.

5.3 Summary of Site History

EBC was able to establish a history for the property dating back to 1891. According to a review of NYC records, Sanborn maps, aerial photographs, historic city directories, and historic topographic maps, as well as personal interviews, eastern portions appeared to be developed with several small structures, likely residences, from at least 1891. By 1989, the first available Sanborn map, the site was developed with eight small residences, at the northern and southern portions. By 1917, several additional residences were

constructed on the southern portions. By the late-1930s, one of the residences on the southern portion was demolished and replaced with a garage. Between the mid-1960s and late-1970s, each of the residences and the garage were demolished, except for the northernmost residence. The last remaining residence was demolished circa 2005. The foundations at the northern portion were constructed in 2006.

The property is currently undeveloped, unpaved, and densely wooded/overgrown, with the exception of several concrete building foundations at the far northern portion. These foundations begin below the sidewalk grade, indicative of a basement level, and extend about 8 to 10 feet above sidewalk grade. Concrete retaining walls between 2 and 6 feet tall are located along portions of the eastern property boundary. Chain-link fencing also borders portions of the southern and eastern property boundaries, with a gated entrance leading from Hamilton Avenue at the southeastern corner. Sidewalk areas located to the east, along Richmond Terrace and Stuyvesant Place.

6.0 REGULATORY AGENCY DATABASE SEARCH

EDR was retained to provide a computerized database search of the project area within an ASTM-standard radius of the subject property. A list of the databases searched and the search radius is shown on the summary table below. EBC reviewed the database output to determine if the property appears on any of the regulatory agency lists.

6.1 Federal Databases

Listing Name or Database Searched	Abbreviation	Search Distance	Subject property Listed?	No. of Sites within the Search Radius
National Priorities List Sites, including Proposed and Delisted Sites	NPL	1.0 mile	No	0 NPL 0 Proposed 0 Delisted
Superfund Enterprise Management System (SEMS) and SEMS Archive Sites	SEMS and SEMS-ARCHIVE	0.5 mile	No	0 SEMS 0 SEMS-ARCHIVE
Corrective Action Reports	CORRACTS	1.0 mile	No	0
Federal Facility Site Information	FFSI	1.0 mile	No	0
Resource Conservation and Recovery Act - Treatment, Storage and Disposal Facilities	RCRA-TSD	0.5 mile	No	0
Resource Conservation and Recovery Act – Active and Former Hazardous Waste Generators	RCRA SQG/LQG/CESQG/ NonGen	Site & Adjoining	No	0 LQG 0 SQG 0 CESQG 1 NonGen
Land Use Control Information System	LUCIS	0.5 mile	No	0
Engineering Control Sites	USEC	Site	No	NA
Institutional Control Sites	USIC	Site	No	NA
Emergency Response Notification System	ERNS	Site	No	NA
Federal Brownfields Sites	US Brownfields	0.5 mile	No	0

In addition to the federal databases included on the table above, over 30 additional federal databases were searched to determine if the subject and/or surrounding properties were listed. The subject property was not

listed on the additional federal databases included in the EDR search report and no adjacent or surrounding listings were identified with the potential to represent an environmental concern to the subject property.

The database search generated information on the following listings for the surrounding properties within ASTM radius guidelines that could potentially impact the site:

Federal Resource Conservation and Recovery Act (RCRA): This database includes selective information on facilities which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

No adjoining properties were listed on the RCRA database. However, one RCRA-NonGen listing (St. George Seaport, Richmond Terrace at Hamilton Avenue) were identified for an adjacent property. A NonGen facility is a former registered/regulated generator which does not presently generate hazardous waste. Information provided within the EDR report indicates that there are no listed violations for this facility. Therefore, it is unlikely that this facility represents a significant environmental concern to the subject property.

Listing Name or Database Searched	Abbreviation	Search Distance	Subject property Listed?	No. of Sites within the Search Radius
Inactive Hazardous Waste Disposal Sites, including De-listed Sites	SHWS	1.0 mile	No	1 SHWS 0 Delisted SHWS
Vapor Intrusion Legacy Site List	VAPOR	1.0 mile	No	0
Hazardous Substance Waste Disposal Site	HSWDS	0.5 mile	No	0
Solid Waste Facilities/Landfill Sites	SWF/LF	0.5 mile	No	0
Registered Recycling Facility List	SWRCY	0.5 mile	No	0
Registered Waste Tire Storage Facility List	SWTIRE	0.5 mile	No	0
Leaking Underground Storage Tanks	LTANKS	0.5 mile	No	25 LTANKS
Petroleum Bulk Storage - Underground and Aboveground Storage Tank Databases	PBS UST/AST	Site & Adjoining	No	2 UST 2 AST
Chemical Bulk Storage - Underground and Aboveground Storage Tank Databases	CBS UST/AST	0.25 mile	No	0
Major Oil Storage Facility - Underground and Aboveground Storage Tank Databases	MOSF UST/AST	Site & Adjoining	No	1
Registry of Engineering Controls	NYEC	Site	No	NA
Registry of Institutional Controls	NYEC	Site	No	NA

Voluntary Cleanup Agreements	VCP	0.5 mile	No	1
State Brownfields Site List	Brownfields	0.5 mile	No	0
E-Designation Site List	E-Des	0.125 mile	No	5
Spills Information Database,	NYSPILLS	0.125 mile	No	13
Registered Drycleaning Facilities	DRYCLEANERS	0.25 mile	No	0

The database search generated information on the following listings for the surrounding properties within ASTM radius guidelines that could potentially impact the site:

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

One SHWS listing was identified within a one-half mile radius of the subject property, and it is summarized as follows:

- New York Fragrance (ID No. 2243026), 600 Richmond Terrace, approximately 3.390 feet west and hydraulically crossgradient of the subject property. Limited information is included in the database report regarding this facility, except that it did not qualify for inclusion on the SHWS database and was assigned an "N" status, indicating that no further action was warranted. Based upon this information, its distance and the presumed hydraulic gradient, this facility is unlikely to represent a significant environmental concern to the subject property.

Leaking Underground Storage Tanks (LTANKS): Each of the 25 LTANKS sites listed in the database were issued letters of no further action by the NYSDEC, and there is no reported evidence in the database search which suggests that these sites are a significant environmental concern to the subject property. In addition, none of the listed closed LTANKS sites are located adjacent to the subject property.

- Spill No. 08-03628 – Apartment Building, 165 St. Mark's Place, adjacent to the west and hydraulically upgradient of the subject property. This spill, which occurred on June 26, 2008, is related to the tightness test failure of a 25,000-gallon No. 4 fuel oil UST. Repairs were made to remove a tank gauge and an old stick line. No actual release occurred and the tank passed as re-test. The spill was closed by the NYSDEC on July 2, 2008.

Petroleum Bulk Storage – Tank Facility Listings (TANKS) and Underground and Aboveground Storage Tank Databases (PBS-UST/AST): Fourteen PBS-UST and 17 PBS-AST sites are listed in the database report. The inclusion on the PBS-UST/AST list means that a site has one or more registered underground/aboveground storage tank(s), regulated under regulated under 6 NYCRR Part 612 (NYSDEC Petroleum Bulk Storage) and/or the New York City Fire Department (FDNY). This database does not indicate leaks, spills, or other violations.

Two of the listed PBS-UST and two of the listed PBS-AST sites are located adjacent to the subject property. These listings are summarized as follows:

- 36 Hamilton Avenue Tenants Corp. (PBS ID No. 2-195227), 36 Hamilton Avenue, adjacent to the south, across Hamilton Avenue, and hydraulically crossgradient of the subject property. This site is listed on both the PBS-UST and AST databases as having one 10,000-gallon UST containing fuel oil, identified as closed-in-place, and one 2,500-gallon AST containing fuel oil, installed in 2000. This property was not cross-referenced on the LTANKS or NYSPILLs databases, and there is no evidence to suggest that this facility represents a significant environmental concern to the subject property.

- Castleton Preservation LLC (PBS ID No. 2-056170), 165 St. Mark's Place, adjacent to the west, and hydraulically upgradient of the subject property. This site is listed as having two 25,000-gallon USTs containing No. 2 fuel oil, installed in 1973 and closed-in-place in 2017, and one 10,000-gallon AST containing fuel oil, installed in 2017. This property was cross-referenced on the LTANKs and NYSPILLs databases related to three closed spill incidents. These incidents are detailed in the LTANKS and NYSPILLS sections, where they were determined unlikely to represent a significant environmental concern to the subject property.

State Major Oil Storage Facility (MOSF): The inclusion of a site on the MOSF list means that a site has one or more registered storage tanks, regulated under 6NYCRR Part 612 (NYSDEC Petroleum Bulk Storage) that has a total storage capacity equal to or greater than 400,000 gallons. This database does not indicate leaks, spills, or other violations.

One MOSF listing (NYCDOT Staten Island Ferry, St. George Terminal) was identified within a one-half mile radius of the subject property. This facility is located approximately 1,350 feet east-southeast and

hydraulically cross- to downgradient. This facility was listed on both the MOSF-UST and MOSF-AST databases as having 10 tanks with a total capacity of 648,312 gallons. The NYCDOT Staten Island Ferry facility was cross-referenced on the LTANKS database, related to two closed spill incidents. Based on the information in the database report, its distance and the presumed hydraulic gradient, it is unlikely that this listing represents a significant environmental concern to the subject property.

Voluntary Cleanup Program (VCP) Sites: VCP sites are those facilities where the property owner has to investigate and remediate the site. New York's VCP is a cooperative program for lenders, developers and prospective purchasers to investigate and/or remediate contaminated sites and return them to productive use. Under the VCP, a volunteer performs remedial activities pursuant to one or more NYSDEC approved work plans and agrees to remediate the site to a level that is protective of public health and the environment for the present or intended use of the property. Investigation and remediation is carried out under oversight of the NYSDEC and the New York State Department of Health (NYSDOH) and the volunteer pays the State's oversight costs. When the volunteer completes work, a release from liability from the Department is provided with standard reservations.

One VCP listing was identified within a one-half mile radius of the subject property, and it is summarized as follows:

- 5 Bay Street, approximately 1,850 feet south and hydraulically cross- to downgradient of the subject property. Limited information about this VCP listing is provided by the database report; however, information obtained from the NYCOER website indicates that shallow soils/fill at the site were impacted with volatile organic compounds (VOCs), pesticides and metals. Remediation of the site is ongoing. Based upon this information, its distance, the presumed hydraulic gradient, and that the subject property and surrounding area is supplied potable water from a municipal source, it is unlikely that this facility represents a significant environmental concern to the subject property.

New York Spills Information Database (NYSPILLS): Each of the 13 NYSPILLS sites listed in the database were issued letters of no further action by the NYSDEC, and there is no reported evidence in the database search which suggests that these sites are a significant environmental concern to the subject property. Two of the listed closed NYSPILLS sites are located adjacent to the subject property, and they are summarized as follows:

- Spill No. 86-03334 – NYCDEP, 165 St. Mark's Place, adjacent to the west and hydraulically upgradient of the subject property. This spill, which occurred on August 20, 1986, is related to the reported release of nonene. No additional information is provided; however, the spill was closed by the NYSDEC on the same day that it occurred.

- Spill No. 96-12366 – Apartment Building, 165 St. Mark's Place, adjacent to the west and hydraulically upgradient of the subject property. This spill, which occurred on February 11, 1997, is related to the release of five gallons of No. 4 fuel oil UST from a delivery truck spill. The spill was reportedly remediated by the delivery company, although no details are provided. The spill was closed by the NYSDEC on February 25, 1997.

6.3 Tribal Records and EDR Proprietary Databases

Listing Name or Database Searched	Abbreviation	Search Distance	Subject property Listed?	No. of Sites within the Search Radius
Indian Reservations	IRESERVE	1.0 mile	No	0
Indian Reservation - Leaking Underground Storage Tanks	ILTANKS	0.5 mile	No	0
Indian Reservation - Registered Underground Storage Tanks	IUST	0.25 mile	No	0
Indian Reservation – Voluntary Cleanup Program Sites	IVCP	0.5 mile	No	0
Indian Reservation – Open Dump Inventory Sites	IODI	0.25 mile	No	0
Manufactured Gas Plants	MGP	1.0 mile	No	0
Historic Cleaners	HISTCL	Site & Adjoining	No	0
Historic Auto Stations	HISTAS	Site & Adjoining	No	0

6.4 Orphan Site Summary

The database report also includes a list of seven "orphan" sites, which are those properties where due to poor or inadequate address information the location of the property cannot be determined sufficiently for it to be included on the radius map. However, sites with similar street names or zip codes are summarized in the database report as these sites may present environmental risks to the subject property. EBC reviewed additional information available from EDR regarding these sites, as well as available USEPA and NYS data

and maps to determine if any of the orphan sites present a significant environmental risk to the subject property. None of the listed Orphan sites represents an environmental concern to the subject property.

7.0 SITE RECONNAISSANCE

7.1 Site Inspection

EBC representative, Keith Butler, inspected the subject property on August 30, 2018. No representatives of Liberty Towers Realty LLC, the property owner, were present during the site inspection, however, EBC personnel did contact Zachary Kadden of Madison Realty Capital, who arranged permission and for EBC to access the Site.

7.2 Methodology and Limiting Conditions

Site reconnaissance included a visual inspection of exterior areas, sidewalk areas immediately adjoining the property, and the exteriors of adjacent properties. Due to the presence of dense overgrown vegetation visibility was limited in some areas of the site.

7.3 Site Description

The subject property consists of ten non-contiguous tax parcels located on the west side of Richmond Terrace, between Nicholas Street to the north, and Hamilton Place to the south, in the St. George section of the Borough of Staten Island, New York City, Richmond County, New York. Stuyvesant Place also borders portions of the subject property to the east and Hamilton Place borders it to the south. The subject property is identified by the street address of 170-194 Richmond Terrance and 8-20 Stuyvesant Place, and as Borough 5 – Block 13 – Lot Nos. 75, 78, 79, 80, 81, 82, 92, 100, 103, and 104 on the NYC tax maps.

The property is currently undeveloped, unpaved, and densely wooded/overgrown, with the exception of several concrete building foundations at the far northern portion. These foundations begin below the sidewalk grade, indicative of a basement level, and extend about 8 to 10 feet above sidewalk grade. Concrete retaining walls between 2 and 6 feet tall are located along portions of the eastern property boundary. Chain-link fencing also borders portions of the southern and eastern property boundaries, with a gated entrance leading from Hamilton Avenue at the southeastern corner. Sidewalk areas located to the east, along Richmond Terrace and Stuyvesant Place.

7.4 Utilities

As the site is currently undeveloped, no utilities are directly provided to the property. The following table provides a list of utilities that are reportedly available in the site vicinity and the names of the suppliers

Utility	Provider
Domestic Water	New York City Department of Environmental Protection (NYCDEP)
Sanitary Sewer	NYCDEP
Storm Sewer	NYCDEP
Electricity	Con Edison
Natural Gas	National Grid

7.5 Surrounding Land Use

The subject property is located in a densely developed, mixed-use urban area of Staten Island, known as St. George. The following surrounding land uses were observed during the Phase I ESA site inspection:

North: A multi-family residence (198 Richmond Terrace), followed by an additional multi-family residence, and undeveloped parcel and a mixed-use (commercial/residential) building, with Nicholas Street and Richmond Terrace beyond.

South: Hamilton Avenue and an undeveloped parcel, followed by a residential apartment building (36 Hamilton Avenue). NYC Government offices are to the southeast.

East: Richmond Terrace and Stuyvesant Place are to the east, followed by an office building and a retail store (140 Stuyvesant Place), with a parking garage and baseball stadium beyond.

West: A high-rise apartment complex and parking garage (Castleton Park Apartments) and residences along the north side of Hamilton Avenue, followed by St. Mark's Place, with a school beyond.

7.6 Interviews

Mr. Zachary Kadden, of Madison Realty Capital, authorized site access, but was not present during the site inspection. Mr. Kadden also provided a brief site history and general site information, including several prior reports. Pertinent statements made by Mr. Kadden are included throughout this report.

7.7 Summary of Environmental Site Features

7.7.1 Chemical Use and Storage

No hazardous substances or activities involving the use of any chemicals were observed onsite during the survey. In addition, the regulatory records review and interviews did not reveal evidence of operations involving the use of hazardous substances or petroleum products at the subject property.

7.7.2 Hazardous and Non-Hazardous Waste Storage and Disposal

No evidence that regulated hazardous materials and/or hazardous wastes are generated, treated, stored or disposed of at the site was observed on the date of the survey. In addition, the regulatory records review and interviews did not reveal evidence of any activities involving the production of hazardous wastes at the site.

As the properties are vacant/undeveloped, no significant quantities of solid wastes are currently generated at the site. No RECs, associated with solid waste generation, storage, and disposal were identified at the subject property during the reconnaissance.

7.7.3 Underground and Aboveground Storage Tanks

No evidence of underground storage tanks (i.e. vent or fill pipes) were observed on the properties at the time of the site inspection. The EDR database report did not identify any registered petroleum or chemical ASTs or USTs for the site, and there are no known spills/releases attributed to the property.

Additional information may be available in files maintained by the FDNY, NYCDEP and/or NYCOER, however, no responses to EBC's FOIL requests have been received to date. Any information received from these agencies will be reviewed upon receipt and pertinent information forwarded to the client.

7.7.4 Sanitary and Stormwater Disposal

As there are no on-site buildings, no sanitary wastewater is currently discharged from the property. The area surrounding the property is serviced by the NYC municipal sewer system.

No catch basins or storm drains were observed on the property at the time of the site inspection. Storm water from the site drains to curbside drains along Richmond Terrace and Stuyvesant Place, and infiltrates to the ground in unpaved areas. Curbside drains discharge to the NYC municipal sewer system.

7.7.5 Polychlorinated Biphenyls

Polychlorinated biphenyls (PCBs) were used until 1978 and are a group of compounds formed by the chlorination of biphenyl. PCBs have extremely high physical and chemical stabilities which led to their being used in many applications, including heat transfer fluids, hydraulic fluids, and dielectrics. PCBs are often found in transformers, capacitors and hydraulic systems.

Electrical equipment containing PCBs are still in use and can pose a serious health hazard if fluids come in direct contact with humans, soil or groundwater. Fires involving electrical equipment containing PCBs can cause the material to be dispersed over a large area and potentially expose many people to a health risk. Because of the health hazard associated with PCBs, they are regulated under the Toxic Substances Control Act (TSCA).

No electrical transformers, hydraulic automotive lifts, elevators or other equipment suspected to contain PCBs were identified on the properties at the time of the site inspection. In addition, because there are no buildings on the properties, fluorescent light ballasts are not an environmental concern.

7.7.6 Debris, Dumping and Surficial Staining

No evidence of chemical spills, stains or odors was observed on the property at the time of the site inspection. In addition, based on inspection observations and the review of historical and regulatory records, no evidence of landfills and/or direct burial activities was identified on or proximate to the subject property. However, as northern and southern portions of the property were formerly developed with multiple residences, there is a potential for fill materials to be present (utilized to backfill the foundations and/or basements of the former structures following their demolition). The presence of fill materials was evaluated by HTEC as part of their 2014 Phase II Investigation (see Section 5.2.5). No evidence of fill material was identified during the HTEC investigation; however, several soil samples contained lead, mercury and/or selenium at concentrations slightly above their respective UUSCOs. ECB considers the presence of elevated metals in site soils to be a BER.

The site inspection also identified small quantities of non-hazardous trash, household garbage and several piles of concrete debris. The majority of the trash and debris was located within the building foundations at the northern portion of the site and strewn along the site perimeter and interior pathways. No evidence of chemical spills or stains was observed in the vicinity of the dumped debris or elsewhere on the property at the time of the site inspection. These materials are unlikely to represent an environmental concern to the site, although they should be removed and properly disposed.

7.7.7 Stressed Vegetation

No stressed vegetation was present at the time of inspection.

7.7.8 Other Environmental Concerns

EBC also inspected the subject property for evidence of the following potential environmental concerns:

OTHER AREAS OF CONCERN		
Area of Concern	**Not Observed**	**Observed**
Chemical/Petroleum Odors	X	
Pools of Liquid	X	
Stains or Corrosion	X	
Unidentified Containers	X	
Pits, Ponds, or Lagoons	X	
Monitoring or Other Wells	X	
Stained Soil or Pavement	X	
Air Quality	X	
Stressed Vegetation	X	

8.0 NON-SCOPE CONSIDERATIONS

8.1 Radon

Radon is a colorless, radioactive, inert gas formed by the decay of radium and may be present in soils and rocks containing granite, shale, phosphate and pitchblende. The USEPA's Map of Radon Zones for New York State, September 1993, indicates that the Staten Island area is not a radon risk area. The EDR report provides information from the New York State Department of Health (NYSDOH) radon survey which indicates that that 98% of those sites tested in Richmond County were below the USEPA radon action level of 4 picocuries per liter (pCi/L), with average indoor levels of 0.67 pCi/L (living area) and 1.25 pCi/L (basement). Data indicate that approximately two percent of basements tested showed results in excess of the 4.0 pCi/L USEPA action level.

Additional data (October 2017) obtained from the NYSDOH indicates that 237 basement radon tests have been conducted in Richmond County, with average radon basement concentration of 1.41 pCi/L. Based on these data, radon is not likely to represent an environmental concern for the site.

8.2 Lead-Based Paint

In 1978, the U.S. Product Safety Commission issued a ban on paints or surface coatings that contain greater than 0.06 percent lead. A visual inspection of painted surfaces was conducted during the site inspection. As no buildings or other structures, except for perimeter fencing, concrete retaining walls and several unpainted concrete foundation remnants, lead-based paint (LBP) is not considered an environmental concern.

8.3 Asbestos-Containing Materials

Asbestos is the name given to a group of fibrous silicate minerals, typically those of the serpentine group. The tensile strength, flexibility, and non-flammability of asbestos have led to many uses including structural materials, brake linings, insulation, and pipe manufacture. Asbestos is of concern as an air pollutant because when inhaled it may cause asbestosis, mesothelioma, and bronchogenic carcinoma. In 1989, the USEPA announced regulations that would phase out most uses of asbestos by 1996.

As part of the site inspection, a visual survey was conducted of accessible areas for the presence of suspect asbestos-containing materials (ACM). No suspected ACM were observed during the site inspection and no sampling for asbestos was conducted in conjunction with this Phase I ESA.

Thermal insulation, surfacing materials, and vinyl/asphalt floor materials installed before 1981 are presumed to contain asbestos. The Occupational Safety and Health Administration (OSHA) asbestos standards (effective October 1995) require owners of commercial or industrial buildings (constructed before 1981) to identify potential asbestos hazards, keep records about potential asbestos hazards, post signs to warn of asbestos hazards, and communicate information about the hazards.

8.4 Wetlands

A review of the NYSDEC Freshwater Wetland Map, Jersey City, NJ-NY Quadrangle, indicates that there are no NYS freshwater wetlands located within a one mile radius of the subject property.

Tidal wetlands line much of the salt water shore, bays, inlets, canals, and estuaries of Long Island and New York City, and Westchester County. The tidal wetlands regulations apply anywhere tidal inundation occurs on a daily, monthly or intermittent basis, including but not exclusively within the salt wedge. Vegetation in intertidal areas beyond the range of the salt wedge is classified as coastal fresh marsh. In accordance with the New York State Tidal Wetlands Land Use Regulations (6 NYCRR Part 661), sixteen wetland categories are defined in the regulations. Coastal and tidal fresh water wetlands categories are identified by the presence of a tide and the types of vegetation present. The categories of wetlands and the restrictions placed on activities in and around them are defined in detail in 6 NYCRR Part 661.

EBC also reviewed NYSDEC Tidal Wetlands Maps available online. The tidal wetlands map (No. 576-498) showing the subject and surrounding properties indicates that Raritan Bay (Lower New York Harbor), located approximately 0.1north of the subject property at its closest point, is classified as a Littoral Zone (LZ) tidal wetland. LZ wetlands are defined as the tidal wetland zone that includes all lands under tidal waters which are not included in any other category. There shall be no LZ under waters deeper than six feet at mean low water.

Potential federal wetlands were identified from the U.S. Fish and Wildlife Service (FWS) Wetlands Mapper software, which indicates that the nearest potential federal wetlands are located approximately 0.1north of the subject property and associated with Raritan Bay. The wetlands are classified as E1UBL wetlands, which are defined as subtidal estuarine water bodies with unconsolidated bottoms, which are permanently flooded. Additional information obtained from the FWS website is included in Appendix B

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) were reviewed to determine if the subject property is located within the 100-year or 500-year flood zones. The FIRMs showing the property (No. 3604970189F) indicates that entire property is located outside the 100-year and 500-year flood zones. This indicates that there is a minimal risk of flooding at the subject property.

8.5 Mold and Water Damage

Concern about indoor exposure to mold has been increasing as the public becomes aware that exposure to mold can cause a variety of health effects and symptoms, including allergic reactions. Molds can be found almost anywhere; they can grow on virtually any organic substance, as long as moisture and oxygen are present. There are molds that can grow on wood, paper, carpet, foods, sheetrock, plaster and insulation. When excessive moisture accumulates in buildings or on building materials, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed.

As part of this assessment, a visual inspection was conducted for the presence of water damage and odors, indicative of the potential for mold growth. No visual or olfactory evidence of mold was identified at the subject property during the site inspection.

8.6 Vapor Encroachment

As part of this assessment, EBC evaluated the potential for vapor encroachment into onsite structures following the general methodology outlined in ASTM E-2600-10 utilizing professional judgment. The Tier 1 screening assessment was employed to determine if a potential vapor encroachment condition (VEC) exists at the site. The site, adjoining properties and hydraulically upgradient properties were assessed for known or suspected contaminated facilities within approximate minimum search distances. A Tier 1 screening assessment generally consists of the following: a search distance test to identify if there are any known or suspected contaminated sites within the area of concern (AOC); a chemicals of concern (COC) test to determine if chemicals of concern exist at the known or suspected contaminated facilities and a plume test to determine whether or not COC in the contaminated plume may be within the critical distance (or AOC). The critical distance is defined as the linear distance in any direction from the nearest edge of the plume to the site. If the critical distance from the site to the nearest edge of a petroleum hydrocarbon plume is within 528 feet (1/10-mile) or within 1,760 feet (1/3-mile) for nonpetroleum COC (e.g., trichloroethylene, perchloroethylene, etc.), then it is assumed that COC are within the AOC and a potential VEC exists, and additional screening may be necessary. The critical distance and AOC may be modified using professional judgment based on hydraulic gradient direction and contaminant plume width.

The decision to recommend additional screening, even if a potential VEC is determined by distance, is based on other criteria including existing and planned use of the property, type of structures potentially impacted, physical setting, hydraulic gradient, depth to groundwater, soil characteristics, activities in the surrounding area and the presence of natural or manmade conduits. Based on an evaluation of this collective criteria, the potential for a VEC from current and surrounding land use activities is considered low due to the available documentation which suggests no significant visual or olfactory evidence of petroleum hydrocarbon or VOC contamination that has migrated to the groundwater or which has significantly impacted the soil from current and surrounding activities at the site. A Tier 2 screen is not recommended at this time.

9.0 CONCLUSIONS AND RECOMMENDATIONS

This Phase I ESA has been prepared in conformance with the scope and limitations of ASTM Practice E1527-13 (inclusive of the USEPA all appropriate inquiry requirements) for the undeveloped property located on the west side of Richmond Terrace, between Nicholas Street to the north, and Hamilton Place to the south, in the St. George section of the Borough of Staten Island, New York City, Richmond County, New York (hereinafter the "subject property"). Stuyvesant Place also borders portions of the subject property to the east and Hamilton Place borders it to the south. The subject property is identified by the street address of 170-194 Richmond Terrance and 8-20 Stuyvesant Place, and as Borough 5 – Block 13 – Lot Nos. 75, 78, 79, 80, 81, 82, 92, 100, 103, and 104 on the NYC tax maps. Any exceptions to, or deletions from, this practice are described in the section of the report entitled Limitations and Exceptions.

Based on the results of the site inspection, records review and interviews, it was determined that there were no RECs, historic recognized environmental conditions (HRECs) or controlled recognized environmental conditions (CRECs) identified for the subject property. However, EBC identified one environmental concern (ASTM Non-Scope issue/BER). The environmental concern/BER is summarized as follows:

- Information obtained from various historic sources indicated that the northern and southern portions of the subject property were developed with multiple residences from at least the 1890s. The majority of the residences were demolished in the 1960s and 1970s, with the final building demolished in 2006. As such, there was potential for fill materials to be present (utilized to backfill the foundations and/or basements of the former structures following their demolition). The presence of fill materials was evaluated by in 2014 as part of a Phase II Investigation. No evidence of fill material was identified during the investigation; however, several soil samples contained lead, mercury and/or selenium at concentrations slightly above applicable regulatory criteria. The presence of these metals alone does not indicate evidence of significant contamination nor do they warrant further investigation/remediation.

10.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

This Phase I ESA has been prepared in accordance with procedures established by environmental professionals and in concert with the guidance of regulatory agencies and funding institutions, ASTM Practice E1527-13, inclusive of the USEPA "All Appropriate Inquiry" requirement published in the Federal Register on November 1, 2005. The USEPA "All Appropriate Inquiry" requirement establishes specific regulatory requirements for conducting all appropriate inquiries into the previous ownership, uses, and environmental conditions of a property for the purposes of qualifying for certain landowner liability protections under CERCLA.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 part of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the site referenced above. EBC has developed and performed the "All Appropriate Inquiries" in conformance with the standards and practices set forth in 40 CFR Part 312.

Section 11.0 contains the data gaps and deficiencies of the research data encountered during EBC's preparation of this report.

Prepared by: _____

Keith Butler
Senior Project Manager

11.0 REFERENCES

Environmental Data Resources, Inc. regulatory database report (No. 5399096.2s), August 20, 2018.

Environmental Data Resources, Inc. City Directory Search (5399096.5), August 2018.

Environmental Data Resources, Inc. Sanborn Map Report (5399096.3), August 2018.

Environmental Data Resources, Inc. Topographic Map Search (5399096.4), August 2018.

Environmental Data Resources, Inc. Aerial Photograph (5399096.9), August 2018.

National Priorities List Sites: New York. USEPA, 2017 on-line update.

New York City Tax Assessor, records review – August 2018.

New York City Department of Health, Freedom of Information request forwarded August 2018.

New York City Fire Department, Freedom of Information request forwarded August 2018.

New York City Department of Environmental Protection, Freedom of Information request forwarded August 2018.

New York City Building Department, records on-line review July 2018.

U.S.G.S. Topographic Map, Jersey City, NJ-NY, NY Quadrangle.

U.S. Department of the Interior, Fish and Wildlife Service. National Wetlands Inventory Maps.

United States Department of Agriculture, Web Soil Survey.

Federal Emergency Management Agency (FEMA) Flood Zone Map Panel No. 3604970189F.

QUALIFICATIONS OF

ENVIRONMENTAL PROFESSIONAL

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Keith W. Butler, Senior Project Manager

PROFILE

Mr. Butler has extensive project management experience with respect to environmental due diligence and subsurface investigations. He is responsible for the preparation of project proposals, Phase I and II Environmental Site Assessments, Work Plans, Health and Safety Plans, Quality Assurance Project Plans, and investigation reports. Additionally, Mr. Butler has conducted and managed numerous Phase I and II ESAs. In these roles, Mr. Butler is responsible for applying the various state and local regulations, which govern environmental compliance and determine the need for additional investigation and/or remediation.

SELECTED PROJECTS

Madison National Bank, Various Sites, New York

Mr. Butler served as the Project Manager and principal contact for Madison National Bank. He was responsible for the preparation of Transaction Screen and Phase I/II Environmental Site Assessments (ESAs) at various sites throughout the New York metropolitan area, as required by the bank to satisfy client mortgage or construction loan requests.

Jewish Home & Hospital, Manhattan, NY

Most recently, Mr. Butler completed a Phase I ESA at their Bronx campus to obtain US. Housing and Urban Development (HUD) funding for a future construction project. Mr. Butler was also responsible for implementing a Remedial Action Work (RAW) Plan at the Bronx facility as required by the NYSDEC under a Voluntary Cleanup Agreement. The RAW included the preparation of contract documents, excavation of over 2,000 tons petroleum contaminated soils, installation of a Soil Vapor Extraction (SVE) system remedial oversight, and sampling.

Pulte Homes of New York, Patchogue, NY

Mr. Butler served as the Project Manager for the re-development of this six-acre site and was responsible for field oversight and coordination between remediation contractors and various regulatory agencies. Initial phases of the project included the completion of Phase I and II ESAs. Subsequent remediation consisted of UST removal, excavation of petroleum-impacted soils, closure of three NYSDEC spill numbers, removal of contaminated UIC sediment/sludge, the closure of commercial and residential UIC structures and the excavation of arsenic and metals contaminated soil. The project was conducted under approved Remedial Work and Soil Management Plans with oversight from the State, County and Village agencies.

Town of Islip, Blydenburgh Road Landfill, Hauppauge, NY

Mr. Butler served as the Project Manager for the groundwater and leachate monitoring program at the Blydenburgh Road Landfill - Cleanfills 1 and 2 and Leachate Impoundment Area. Mr. Butler was the principal contact for the Town's Resource Recovery Agency. He prepared the quarterly and annual monitoring reports, oversaw sampling efforts, and coordinated with the Town's analytical laboratory and data validation contractors. Mr. Butler was also responsible for preparing quarterly well condition reports and leachate quality reports for compliance with the Town's Suffolk County Discharge Certification Permit.

Ogden Aviation, Various Sites, JFK International Airport, Jamaica, New York

Mr. Butler served as the project manager for the rehabilitation of the satellite fuel farm recovery well system. Recovery wells at the fuel farm had become clogged with iron deposits and bacteria limiting product recovery efforts. Mr. Butler developed and supervised chemical cleaning and redevelopment of recovery wells under the approval of the NYSDEC. The chemical treatment has resulted in significant increases in product recovery volumes.

Brookhaven National Laboratory, Upton, NY

Mr. Butler has worked on a number of remediation system and monitoring well installation projects at BNL. His duties included oversight of installations, system pump tests, performance evaluations, and well development. He also provided oversight of soil borings, temporary well construction, soil and water sampling, and air monitoring for groundwater screening survey of two operable units in hazardous and radioactive waste storage areas. Mr. Butler also provided oversight for groundwater monitoring, well construction, well abandonment, and methane-monitoring wells for landfill closure.

metroPCS, Various Sites, New York

Mr. Butler served as the Project Manager for metroPCS' Long Island region telecommunications site acquisition and expansion program. Mr. Butler was responsible for the preparation of Phase I ESAs, the conduct of Phase II ESAs, including asbestos, lead paint and soil sampling, and coordination of National Environmental Policy Act (NEPA) reports and planning studies at various locations proposed for construction of new cellular telephone facilities. Reports and associated communications were transmitted electronically through metroPCS' data management system.

Dormitory Authority - State of New York, Harlem Hospital Center Modernization Project - Hazardous and Universal Waste Survey, Harlem Hospital, New York, NY

Mr. Butler served as the field team leader for conducting hazardous and universal waste surveys in multiple buildings affiliated with Harlem Hospital Center. The survey included the identification of hazardous and universal waste materials including chemicals, paints, fluorescent bulbs, high intensity discharge bulbs/fixtures, battery operated equipment, above and underground petroleum storage tank identification, PCB containing light ballasts and electrical equipment.

Keith W. Butler, Senior Project Manager

The hospital is comprised of a number of buildings, many that were abandoned and slated for demolition.

SVE Monitoring at Newark International Airport, Elizabeth, NJ
A routine leak detection test indicated that two 10,000-gallon underground storage tanks, which were used to store unleaded gasoline, had failed tightness tests. Follow-up investigation revealed that the product had impacted the subsurface environment. In response to this, a soil vapor extraction system was installed to reduce the residual concentrations of petroleum constituents in soil and groundwater and to minimize vapor migration into subsurface utility vaults. Mr. Butler was responsible for implementing the Remedial Action Work Plan, developed for the site by Ogden and the State of New Jersey. Activities conducted under the RAW include quarterly groundwater monitoring, air sampling, vacuum pressure monitoring, system maintenance and reporting.

Federal Express Site, Newark International Airport, Elizabeth, NJ
Mr. Butler worked with Ogden Aviation and the State of New Jersey to address outstanding environmental issues at the site related to a spill of jet fuel, which occurred during a construction accident. Mr. Butler performed a site assessment, which included groundwater monitoring, product gauging, and groundwater flow modeling. After reviewing these data, Mr. Butler determined that fill material at the site was contributing to soil and groundwater contamination and has petitioned the State for partial site closure. Mr. Butler is continuing to address the remaining area of concern through product recovery and continued monitoring.

Northrop Grumman, Various Sites
Mr. Butler conducted three Phase I ESAs and a Phase II investigation for the presence of PCBs in soil. He also inspected and supervised the removal of underground storage tanks, asbestos abatement projects, and sanitary system closures related to the facility decommissioning. Mr. Butler also conducted groundwater investigations and provided oversight during soil sampling, drilling and soil remediation activities.

New York City Department of Environmental Protection, Various Sites
Mr. Butler served as an Environmental Scientist for hazard investigation at seven sewage pump stations. Mr. Butler addressed a wide range of environmental concerns including asbestos, lead based paints, PCB oil, light ballasts, and other hazardous building materials. He conducted field investigations, sampling, and prepared Hazardous Materials Survey Reports for use during preparation of plans and specifications for proposed pump station construction projects.

Fresh Kills Landfill, Staten Island, New York
Mr. Butler participated in the field operations during pump and yield tests conducted on Cells 1 and 9. The tests were performed to determine the hydraulic properties of the landfill's refuse. He collected groundwater and leachate measurements in recovery wells and in adjacent observation wells under pumping and non-pumping conditions.

PREVIOUS EXPERIENCE

DECA Real Estate Advisors
Director of Environmental Services, 2011-2017

VHB Engineering, Surveying and Landscape Architecture PC, Hauppague NY
Senior Project Manager, 2005-2011

Parsons Brinkerhoff, Inc. New York NY
Senior Project Manager, 2004-2005

P.W. Grosser Consulting, Bohemia, NY
Senior Project Manager, 1998-2004

Eder Associates, Locust Valley, NY
Field Hydrogeologist, 1992-1998

EDUCATION

BS, Geology, Slippery Rock University of Pennsylvania, 1990

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

OSHA Certification, 40-hour Health & Safety Training at Hazardous Waste Sites

OSHA Certification, 8-hour Refresher Health & Safety Training at Hazardous Waste Sites

OSHA Confined Space Entry Training

FIGURES

FIGURE 1 – SITE LOCATION MAP

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

SITE NAME: SITE NAME: Liberty Towers
STREET ADDRESS: 170-194 Richmond Terrace and 8-20 Stuyvesant Place
MUNICIPALITY, STATE, ZIP: Staten Island, NY 10301

Source: USGS

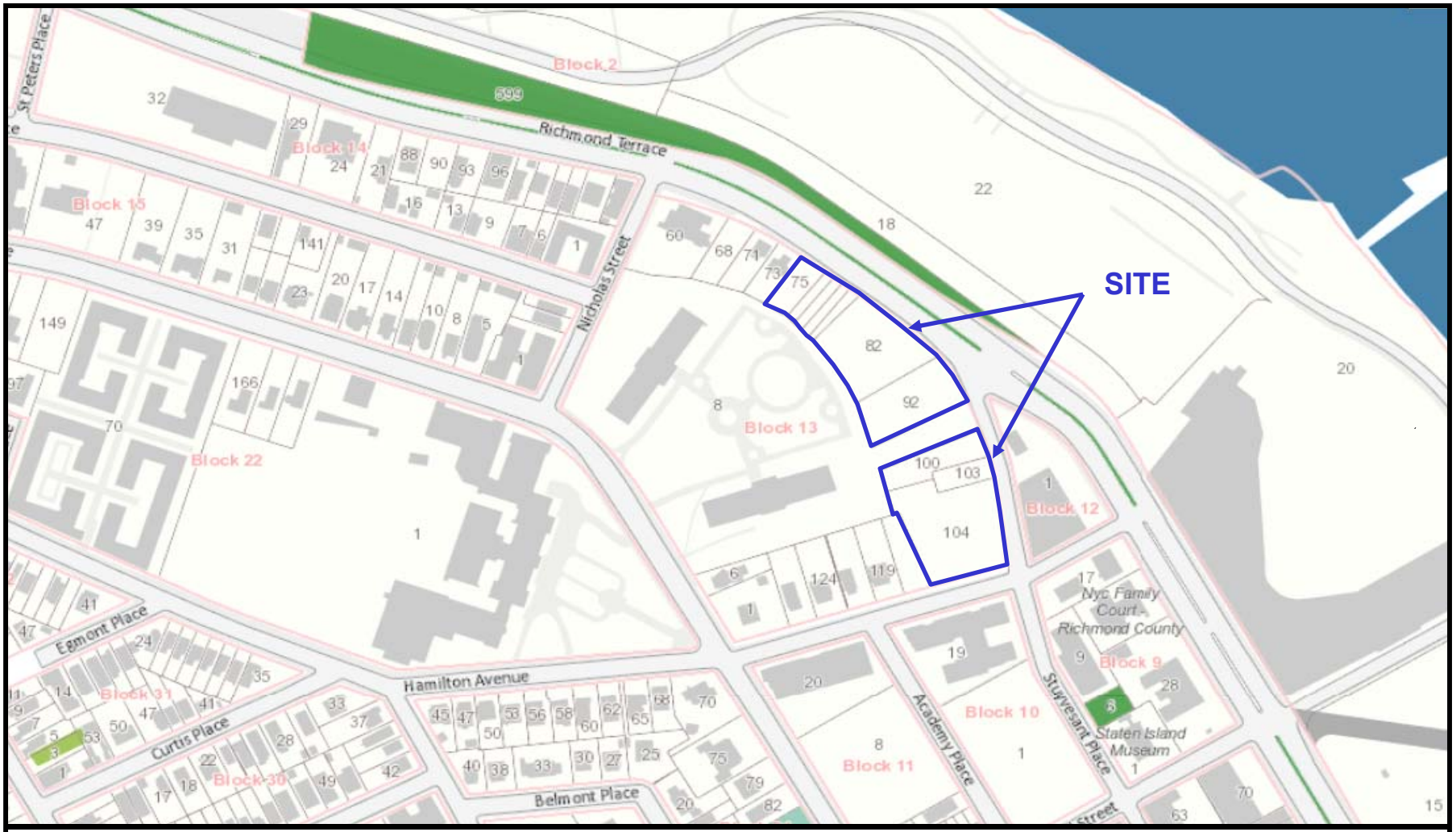


FIGURE 2 – LOT DIAGRAM

N

SITE NAME: SITE NAME: Liberty Towers
STREET ADDRESS: 170-194 Richmond Terrace and 8-20 Stuyvesant Place
MUNICIPALITY, STATE, ZIP: Staten Island, NY 10301

Source: NYC Oasis Map

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

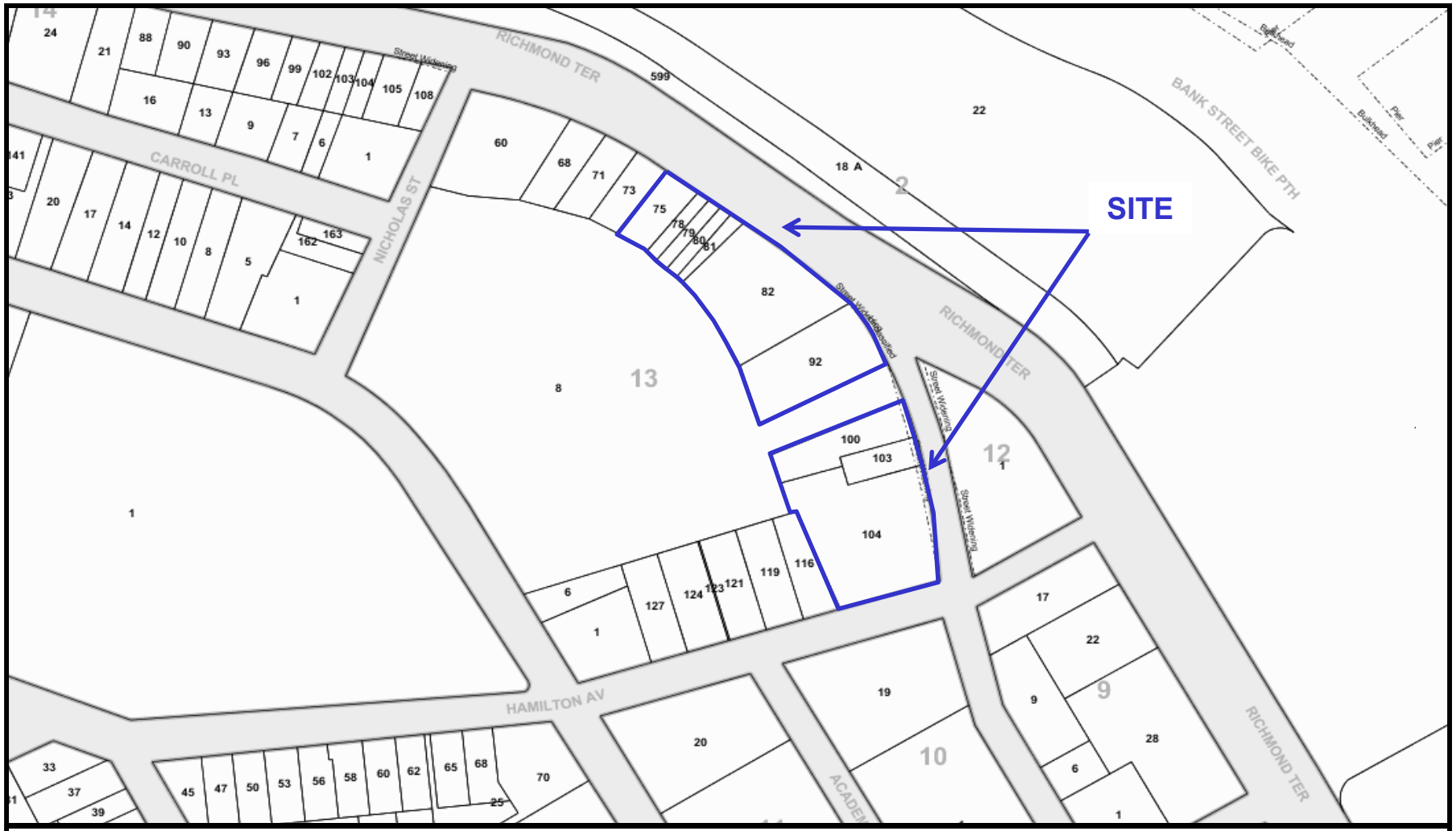


FIGURE 3 – TAX MAP

N

SITE NAME: SITE NAME: Liberty Towers
STREET ADDRESS: 170-194 Richmond Terrace and 8-20 Stuyvesant Place
MUNICIPALITY, STATE, ZIP: Staten Island, NY 10301

Source: New York City Department of Finance

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

FIGURE 4 – SITE AERIAL

N

SITE NAME: SITE NAME: Liberty Towers
STREET ADDRESS: 170-194 Richmond Terrace and 8-20 Stuyvesant Place
MUNICIPALITY, STATE, ZIP: Staten Island, NY 10301

Source: Google Earth

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

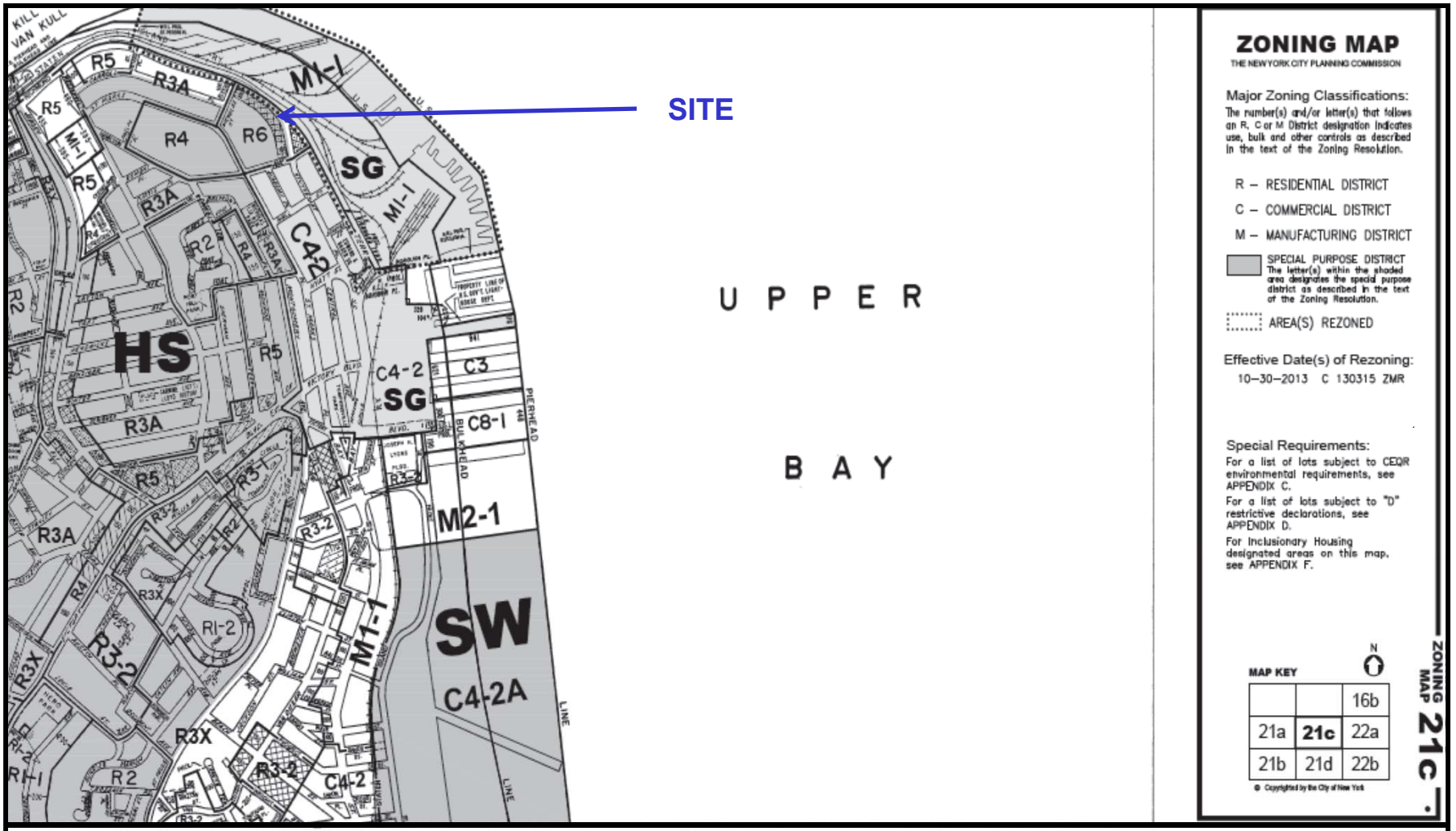


FIGURE 5A – ZONING MAP

N

SITE NAME: Liberty Towers
STREET ADDRESS: 170-194 Richmond Terrace and 8-20 Stuyvesant Place
MUNICIPALITY, STATE, ZIP: Staten Island, NY 10301

Source: New York City Department of City Planning

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

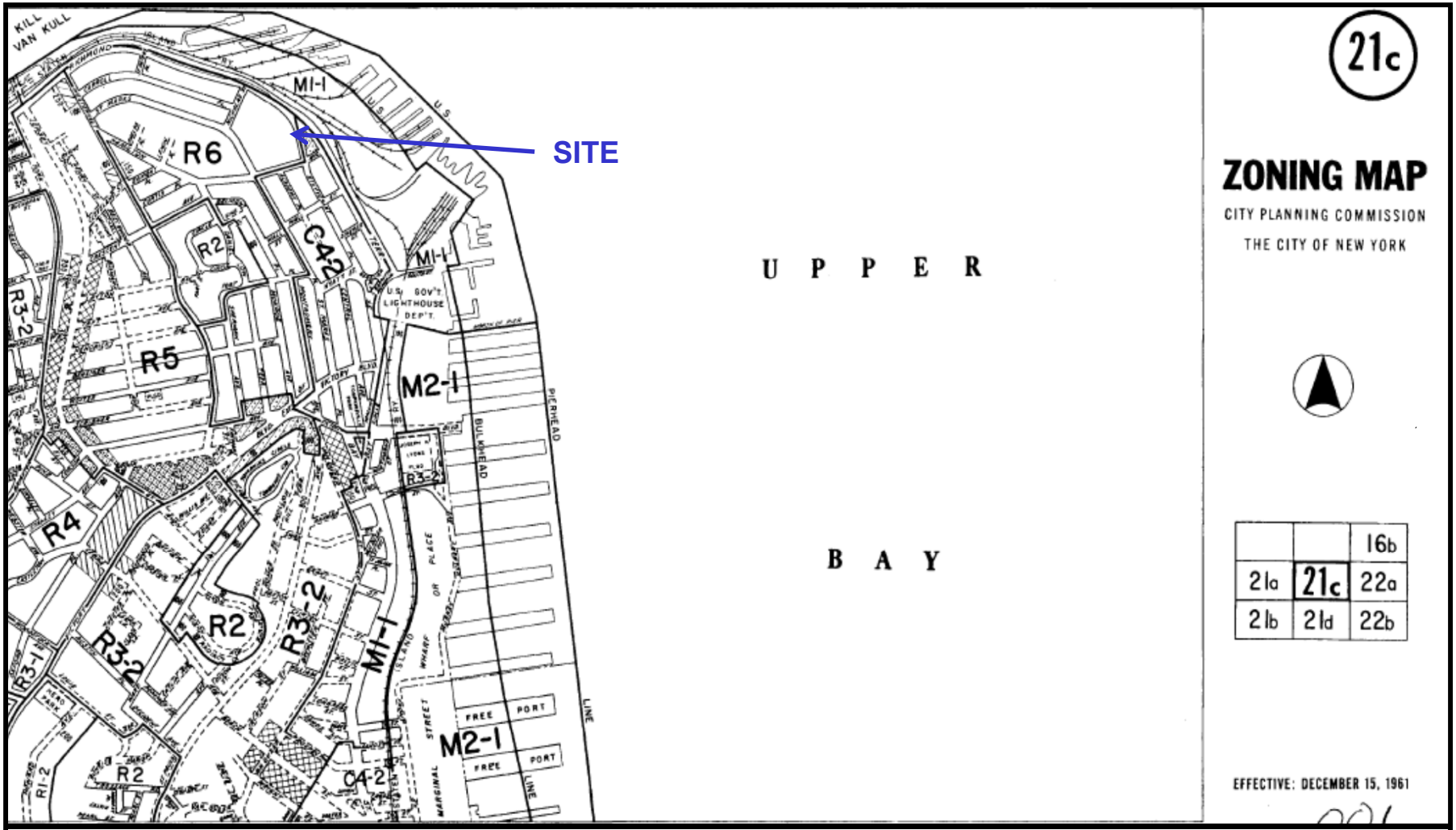


FIGURE 5B – HISTORIC ZONING MAP

N

SITE NAME: SITE NAME: Liberty Towers
STREET ADDRESS: 170-194 Richmond Terrace and 8-20 Stuyvesant Place
MUNICIPALITY, STATE, ZIP: Staten Island, NY 10301

Source: New York City Department of City Planning - 1961

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

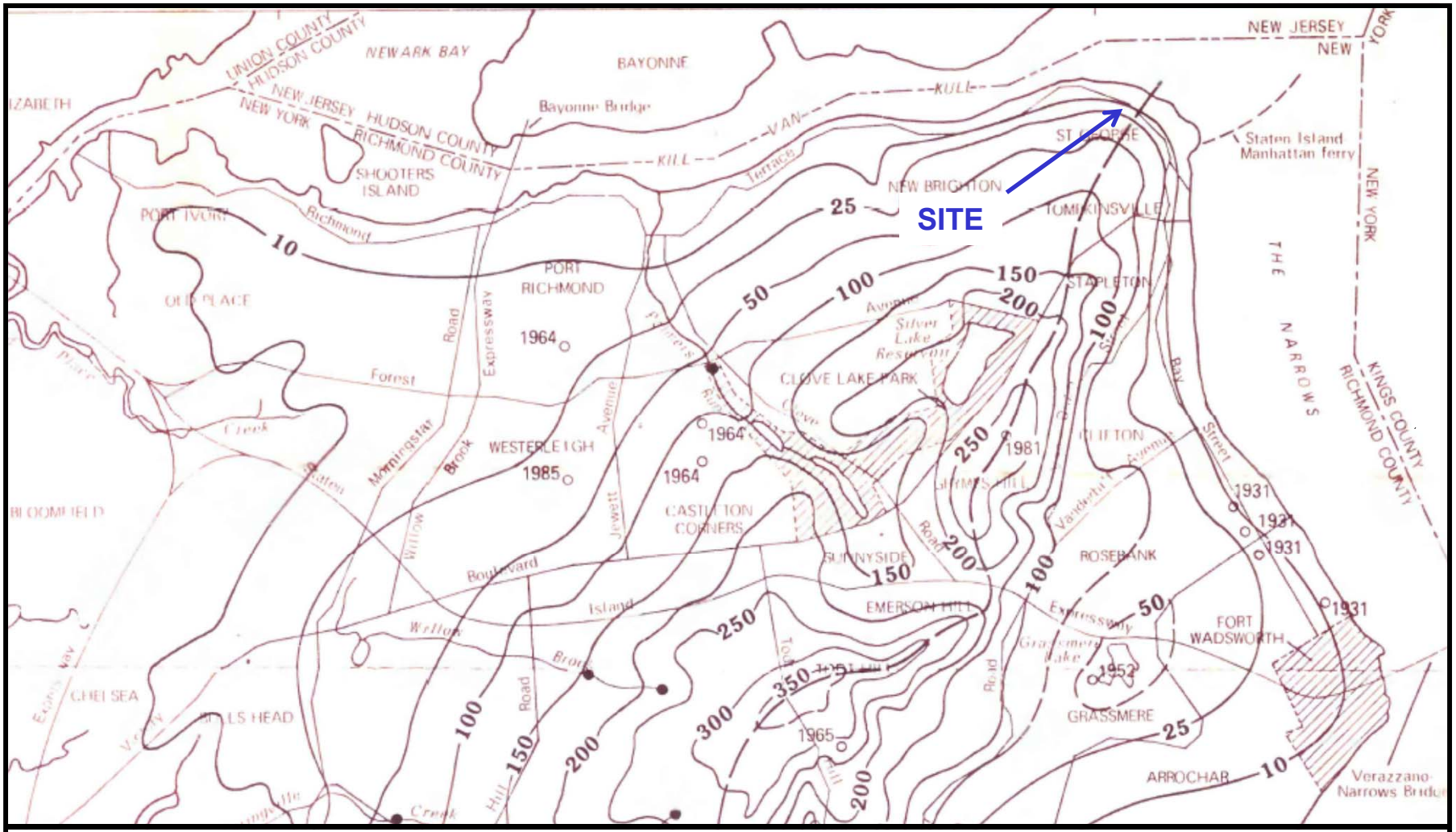


FIGURE 6 – GROUNDWATER FLOW MAP

N

SITE NAME: SITE NAME: Liberty Towers
STREET ADDRESS: 170-194 Richmond Terrace and 8-20 Stuyvesant Place
MUNICIPALITY, STATE, ZIP: Staten Island, NY 10301

Source: New York City Department of Finance

EBC
Environmental Business Consultants
Phone 631.504.6000
Fax 631.924.2870

APPENDIX A

REPRESENTATIVE SITE PHOTOGRAPHS

View of the subject property, looking southwest across Richmond Terrace.

View of he subject property, looking south along Richmond Terrace.

View of subject property, looking west across Stuyvesant Place.

View of the subject property, looking north across Hamilton Avenue.

View of the northern adjacent properties, looking west across Richmond Terrace.

View of the southern adjacent property, looking southeast across Hamilton Avenue.

View of the western adjacent properties, looking northwest from St. Mark's Place.

View of the western adjacent apartment complex, looking east from St. Mark's Place.

View of the eastern adjacent property, looking northeast across Richmond Terrace.

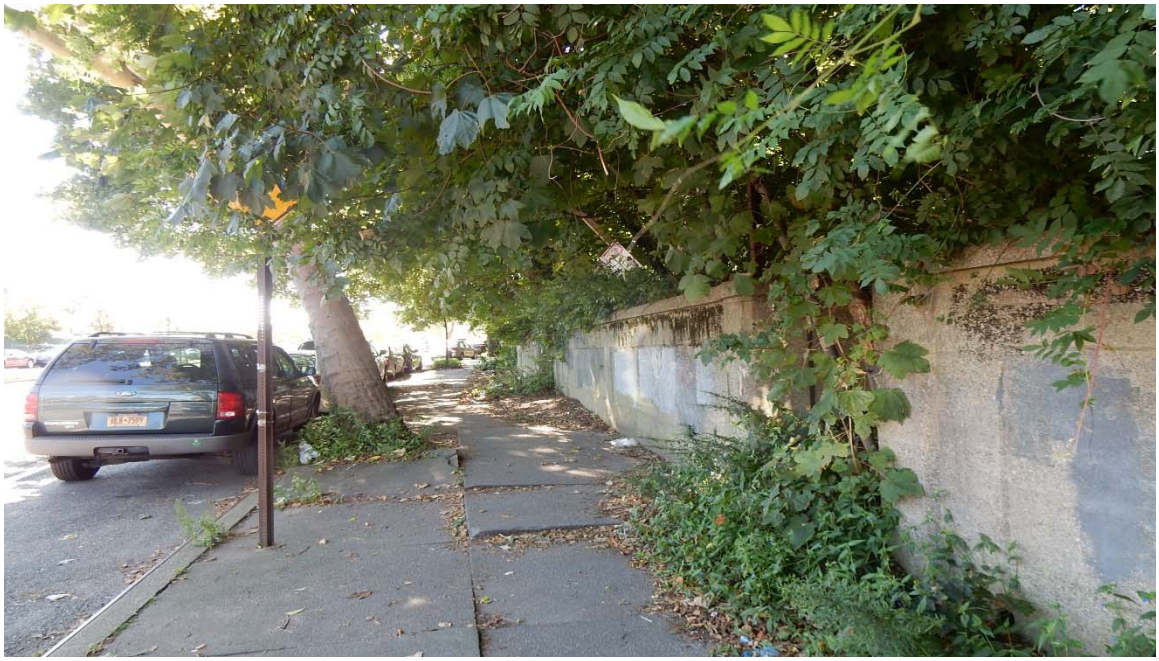
View of the eastern adjacent properties, looking east-northeast across Stuyvesant Place.

View of the building foundations at the northern portion of the subject property.

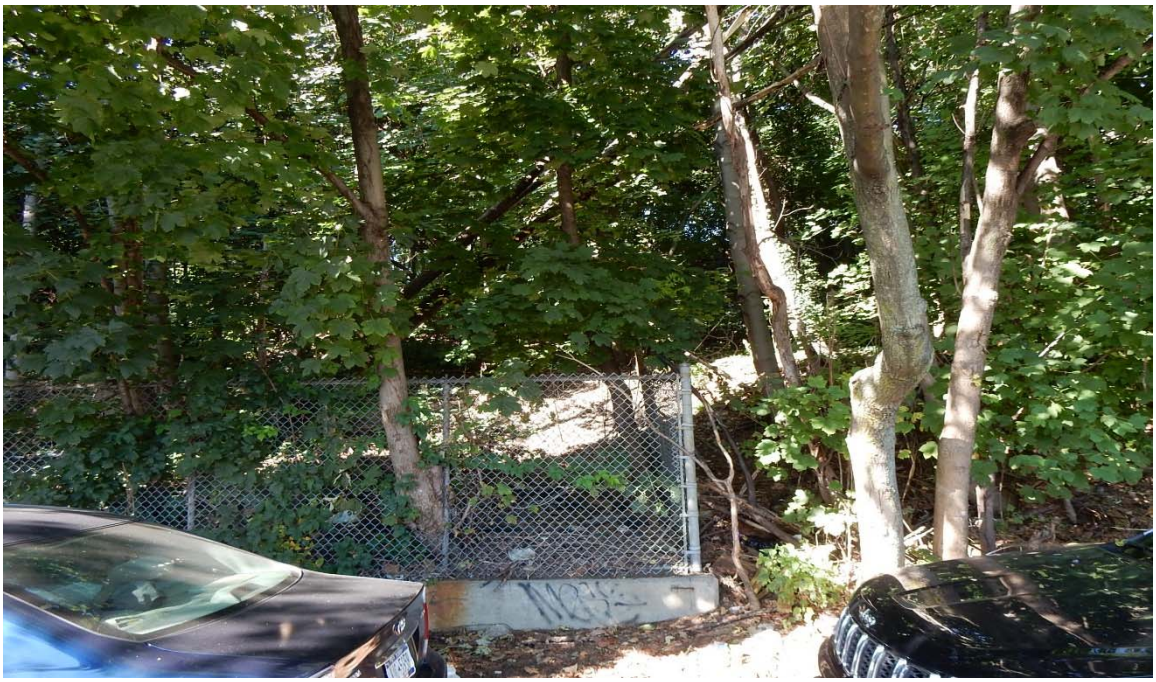
View of a trail at the eastern portion of the subject property.

View showing the southeastern portion of the subject property, near Stuyvesant Avenue.

View showing the southern portion of the subject property, near the Hamilton Avenue access gate.



View of the concrete retaining wall along Richmond Terrace, looking south.



View of a perimeter fence, looking west from Stuyvesant Place.

View of household trash and dumped debris within a building foundation at the northern portion of the subject property.

View of concrete debris at the east-central portion of the subject property.

APPENDIX B

LOCAL GOVERNMENT CORRESPONDENCE

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

EXPLANATION OF ASSESSMENT ROLL

View May 25, 2018 - Market Value History
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View 2008 FINAL ASSESSMENT ROLL
View 2007 FINAL ASSESSMENT ROLL
View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY I, LLC

Property Address and Zip Code:
194 RICHMOND TERRACE 10301
Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY I, LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 75
Tax Class: 1
Building Class: A5 Codes

Land Information

Lot Size	Irregular	Corner
53.00FT X 103.00FT	IRREG	

Building Information

Number of Buildings	Building Size	Extension	Stories
1	17.00FT X 45.00FT		5

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		253,000
6-20% LIMITATION	5,896	6,268
ACTUAL EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	6,268

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

EXPLANATION OF ASSESSMENT ROLL

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View 2007 FINAL ASSESSMENT ROLL
View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY I, LLC

Property Address and Zip Code:
188 RICHMOND TERRACE 10301

Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY I, LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 78
Tax Class: 1
Building Class: A5 Codes

Land Information

Lot Size	Irregular	Corner
17.69FT X 102.50FT		

Building Information

Number of Buildings	Building Size	Extension	Stories
1	17.00FT X 45.00FT		5

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		104,000
6-20% LIMITATION	3,511	3,688
ACTUAL EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	3,688

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

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View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY I, LLC

Property Address and Zip Code:
186 RICHMOND TERRACE 10301
Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY I, LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 79
Tax Class: 1
Building Class: A5 Codes

Land Information

Lot Size	Irregular	Corner
17.50FT X 105.00FT		

Building Information

Number of Buildings	Building Size	Extension	Stories
1	17.00FT X 45.00FT		5

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		106,000
6-20% LIMITATION	3,596	3,774
ACTUAL EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	3,774

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

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Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY I, LLC

Property Address and Zip Code:
184 RICHMOND TERRACE 10301
Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY I, LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 80
Tax Class: 1
Building Class: A5 Codes

Land Information

Lot Size	Irregular	Corner
17.50FT X 107.00FT		

Building Information

Number of Buildings	Building Size	Extension	Stories
1	17.00FT X 45.00FT		5

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		108,000
6-20% LIMITATION	3,664	3,842
ACTUAL EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	3,842

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

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View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY I, LLC

Property Address and Zip Code:
180 RICHMOND TERRACE 10301
Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY I, LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 81
Tax Class: 1
Building Class: A5 Codes

Land Information

Lot Size	Irregular	Corner
21.00FT X 112.00FT	IRREG	

Building Information

Number of Buildings	Building Size	Extension	Stories
1	17.00FT X 45.00FT		5

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		98,000
6-20% LIMITATION	3,319	3,498
ACTUAL EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	3,498

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

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View May 25, 2018 - Market Value History
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View 2007 FINAL ASSESSMENT ROLL
View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY LLC

Property Address and Zip Code:
178 RICHMOND TERRACE 10301
Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 82
Tax Class: 4
Building Class: V1 Codes

Land Information

Lot Size	Irregular	Corner
171.00FT X 164.00FT	IRREG	

Building Information

Number of Buildings	Building Size	Extension	Stories
	0.00FT X 0.00FT		

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		1,196,000
ACTUAL AV	538,200	538,200
ACTUAL EX AV	0	0
TRANS AV	486,450	486,450
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	486,450

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

EXPLANATION OF ASSESSMENT ROLL

View May 25, 2018 - Market Value History
View January 15, 2018 - Market Value History
View 2018 TENTATIVE ASSESSMENT ROLL
View May 25, 2017 - Market Value History
View 2017 FINAL ASSESSMENT ROLL
View January 15, 2017 - Market Value History
View 2017 TENTATIVE ASSESSMENT ROLL
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View 2007 FINAL ASSESSMENT ROLL
View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY LLC

Property Address and Zip Code:
RICHMOND TERRACE 10301

Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 92
Tax Class: 1B
Building Class: V0 Codes

Land Information

Lot Size	Irregular	Corner
100.00FT X 184.00FT	IRREG	

Building Information

Number of Buildings	Building Size	Extension	Stories
	0.00FT X 0.00FT		

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		1,218,000
ACTUAL AV	73,080	73,080
ACTUAL EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	73,080

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

EXPLANATION OF ASSESSMENT ROLL

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Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY LLC

Property Address and Zip Code:
STUYVESANT PLACE 10301

Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 100

Tax Class: 4
Building Class: V1 Codes

Land Information

Lot Size	Irregular	Corner
50.00FT X 184.00FT	IRREG	

Building Information

Number of Buildings	Building Size	Extension	Stories
	0.00FT X 0.00FT		

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		663,000
ACTUAL AV	298,350	298,350
ACTUAL EX AV	0	0
TRANS AV	220,590	220,590
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	220,590

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

EXPLANATION OF ASSESSMENT ROLL

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View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY LLC

Property Address and Zip Code:
STUYVESANT PLACE 10301

Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 103

Tax Class: 4
Building Class: V1 Codes

Land Information

Lot Size	Irregular	Corner
40.00FT X 100.00FT		

Building Information

Number of Buildings	Building Size	Extension	Stories
	0.00FT X 0.00FT		

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		320,000
ACTUAL AV	144,000	144,000
ACTUAL EX AV	0	0
TRANS AV	103,860	103,860
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	103,860

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

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

Statements List || Select a BBL

FINAL ASSESSMENT ROLL 2018-2019 | City of New York

Taxable Status Date: January 5, 2018

EXPLANATION OF ASSESSMENT ROLL

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View 2006 FINAL ASSESSMENT ROLL

Parcel Information

Previous BBL Next BBL

Owner Name:

LIBERTY TOWERS REALTY LLC

Property Address and Zip Code:
24 STUYVESANT PLACE 10301

Real Estate Billing Name and Address:
LIBERTY TOWERS REALTY LLC
PO BOX 384
WOODMERE NY 11598

Borough: STATEN ISLAND
Block: 13
Lot: 104

Tax Class: 4
Building Class: V1 Codes

Land Information

Lot Size	Irregular	Corner
161.00FT X 132.00FT	IRREG	NW

Building Information

Number of Buildings	Building Size	Extension	Stories
	0.00FT X 0.00FT		

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		1,466,000
ACTUAL AV	659,700	659,700
ACTUAL EX AV	0	0
TRANS AV	625,140	625,140
TRANS EX AV	0	0

Taxable/Billable Assessed Value

	Assessed Value
SUBJECT TO ADJUSTMENTS, YOUR 2018/19 TAXES WILL BE BASED ON	625,140

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

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

Statements List || Select a BBL

NYC Buildings

NYC

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NYC Department of Buildings

Property Profile Overview

194 RICHMOND TERRACE		STATEN ISLAND 10301		BIN# 5000111	
RICHMOND TERRACE	194 - 194	Health Area	: 400	Tax Block	: 13
		Census Tract	: 7	Tax Lot	: 75
		Community Board	: 501	Condo	: NO
		Buildings on Lot	: 1	Vacant	: NO

View DCP Addresses... Browse Block

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

STOP WORK ORDER EXISTS ON THIS PROPERTY

Cross Street(s):	STUYVESANT PLACE, NICHOLAS STREET		
DOB Special Place Name:			
DOB Building Remarks:	TENT LOT 75 (3/05)		
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: A5-1 FAMILY DWELLING

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

	Total	Open
Complaints	26	0
Violations-DOB	21	1
Violations-ECB (DOB)	3	0

This property has 1 open DOB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit.

Jobs/Filings	4
ARA / LAA Jobs	0
Total Jobs	4
Actions	4

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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NYC Department of Buildings

Actions

Premises: 194 RICHMOND TERRACE STATEN ISLAND		BIN: 5000111 Block: 13 Lot: 75
NUMBER	**TYPE**	**FILE DATE**
COM 1178-75	COMPLAINTS	00/00/1975
PRS 271-53	PLUMBING REPAIR SLIP	00/00/1953
V* 090479C011P	DOB VIOLATION - DISMISSED	00/00/0000
DISMISSAL DATE: 09/09/1991		**BADGE NO.:** 15
V* 011293C01N01	DOB VIOLATION - DISMISSED	01/12/1993
DISMISSAL DATE: 05/31/1995		**BADGE NO.:** 274
VIO* 09-4-79-C-01-1-B		00/00/0000
VIO* 5-11-83-P-01-1-Y		00/00/1911
V* 060493LL629107534	DOB VIOLATION - DISMISSED	06/04/1993
V* 060894LL629100608	DOB VIOLATION - DISMISSED	06/08/1994
V* 082995LL629149340	DOB VIOLATION - DISMISSED	08/29/1995
V* 091697LL6291274511	DOB VIOLATION - DISMISSED	09/16/1997
V* 050498LL629135922	DOB VIOLATION - DISMISSED	05/04/1998
VP* 010793C01GPF03	VIOLATION UNSERVED ECB- DISMISSED	01/07/1993
VP* 011293C01N03	VIOLATION UNSERVED ECB- DISMISSED	01/12/1993
VP* 011293C01N02	VIOLATION UNSERVED ECB- DISMISSED	01/12/1993
VP* 022393C01L02	VIOLATION UNSERVED ECB- DISMISSED	02/23/1993
VP* 042793C01L03	VIOLATION UNSERVED ECB- DISMISSED	04/27/1993
VP* 042793C01L04	VIOLATION UNSERVED ECB- DISMISSED	04/27/1993
V* 042794IMEGNCY93-94	DOB VIOLATION - DISMISSED	04/27/1994
V* 030995UB9/95	DOB VIOLATION - DISMISSED	03/09/1995
V* 031699LL629130955	DOB VIOLATION - DISMISSED	03/16/1999
VW* 051183P011Y	VIOLATION - WORK W/O PERMIT DISMISSED	05/11/1983
V* 021304LL629128818	DOB VIOLATION - DISMISSED	02/13/2004
V* 013105LL629127224	DOB VIOLATION - DISMISSED	01/31/2005
V* 041206C0103G	DOB VIOLATION - DISMISSED	04/12/2006
VW 050807C011FC	VIOLATION WORK WITHOUT PERMIT - ACTIVE	05/08/2007

Next

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NYC Department of Buildings

Actions

Page: 2

Premises: 194 RICHMOND TERRACE STATEN ISLAND		BIN: 5000111 Block: 13 Lot: 75
NUMBER	**TYPE**	**FILE DATE**
VEC* 041091C01C5	ECB VIOLATION DISMISSED	04/10/1991
VEL* 101806CSTFYC04	VIOLATION ECB LIEN DISMISSED	10/18/2006
VEL* 041807C01WT02	VIOLATION ECB LIEN DISMISSED	04/18/2007

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NYC Department of Buildings

Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

Premises: 194 RICHMOND TERRACE STATEN ISLAND BIN: 5000111 Block: 13 Lot: 75

26 Total Complaint(s) View Vacate Order Complaints View SWO Complaints

Looking for a list of complaint category codes or disposition codes?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
5074465	194 RICHMOND TERRACE	09/22/2008	12	09/13/2008	A3	RES
	HAZARDOUS CONDITIONS OBSERVED AT INSPECTION					
5063587	194 RICHMOND TERRACE	04/30/2007	73	05/30/2007	L1	RES
	AT RIGHT SIDE OF ABOVE LOCATION PREVIOUS EXCAVATION HADBEEN PERFORMED/ ALSO IMPROPERLY INSTALLED SHORING CAUSED CRACKSAND CONTINUE TO GROW AT 198 RICHMOND TERRACE/ STRUCURAL STABILITY IN					
5063410	194 RICHMOND TERRACE	04/23/2007	03	04/25/2007	H1	RES
	CLR STS DUE TO THE IMPROPER WORK DONE AT THE CONSTRUCTION SITE LISTED DAMAGE HAS BEEN SUSTAINED TO HIS HOME'S FOUNDATION					
5063408	194 RICHMOND TERRACE	04/23/2007	16	04/25/2007	H1	RES
	CLR STS CONTRACTOR HAS COMPLETED EXCUVATION WITHOUT PROPER PERMIT FOR SHORING, SHORING WAS DONE INCORRECTLY CAUSING DAMAGE TO NEIGHBORING HOME					
5063342	194 RICHMOND TERRACE	04/19/2007	14	04/20/2007	I2	RES
	CLR STS THAT THE ABOVE LOC DID EXCAVATION WITH NO PERMIT FOR SHORING. CLR STS THAT DO TO THIS THE STRUCTURE OF HIS HOME HAS BEEN AFFECTED. CLR STS CRACKS ALL OVER HIS HOME					
5063279	194 RICHMOND TERRACE	04/16/2007	15	04/18/2007	A9	RES
	CLLR STS THT CONSTRUCTION SITE LEFT NO PROPER FENCING, BET CLLRS PROPERTY AT 198 RICHMOND TERRACE,A BIG SPACING OF 10-12FT/INWHICHSOMEONE ON THE PROPERTY CAN FALL/OFF LEFTSIDE OF YD/PIECE FENCE MISSNG					
5063277	194 RICHMOND TERRACE	04/16/2007	03	04/17/2007	I1	RES
	CLLR STS THT CONSTRUCTION SITE NEXTDOOR HAS IMPROPER SHORINGPERMIT/SHORING INPLACE,DAMAGE CAUSED E/CONTINUOUS CRACKING AT 198 RICHMOND TERRACE/DAMAGE TO FENCE/GARAGE/THERE IS NO PROPER SHORING PERMIT					
5060320	194 RICHMOND TERRACE	10/19/2006	16	11/17/2006	L2	RES
	INADUATE SUPPORT SHORING					
5056480	194 RICHMOND TERRACE	04/10/2006	05	07/18/2006	L2	RES
	PERMIT FOR JOB # 500781978 HAS BEEN REVOKED BY THE S.I. BORO COMMISSIONERS OFFICE - D.O.B. VIOLATION AND STOP ORDER TO BE ISSUED					
5055307	194 RICHMOND TERRACE	01/26/2006	55	01/30/2006	I2	RES
	COMPLAINT RECIEVED - TREES REMOVED AND TOPOGRAPHY ALTERED ONPROPRTY IN HILLSIDE DISTRICT					
5014668	194 RICHMOND TERRACE	06/21/1994	73	06/23/1994	I2	RES
	BURNED OUT BUILDING BEING USED - DANGEROUS CONDITION					
5014294	194 RICHMOND TERRACE	04/26/1994	43	04/26/1994	F8	RFR
	ONE FAMILY- 1 DOA - HEAVY FIRE DAMGE - STRUCTURAL DAMGE TOBUILDING					
5011809	194 RICHMOND TERRACE	04/26/1993	73	04/27/1993	B1	RES
	FRONT PORCH IS LEANING					
5011808	194 RICHMOND TERRACE	04/26/1993	73	04/27/1993	B1	RES
	TWO STORY BLDG ROOF IS OPEN					
5011760	194 RICHMOND TERRACE	04/16/1993	73	04/27/1993	B1	RES
	HOUSE FALLING DOWN					
5011424	194 RICHMOND TERRACE	02/19/1993	43	03/11/1993	H1	RES
	STRUCTURAL STABILITY AFFECTED (1ST 2ND, PORCH, SECOND FLR)					
5011395	194 RICHMOND TERRACE	02/11/1993	73	02/16/1993	H1	RES
	STRUCTURAL STABILITY AFFECTED (2ND FLR ALSO SECOND FLOORPORCH IS AFFECTED					
5011137	194 RICHMOND TERRACE	01/04/1993	32	01/12/1993	B1	RES

	ILLEGAL OCCUPANCY (ALL FLRS)					
5011138	194 RICHMOND TERRACE COFO NOT BEING COMPLED WITH	01/04/1993	32	01/07/1993	I1	RES
5011136	194 RICHMOND TERRACE	01/04/1993	73	01/07/1993	B1	RES
	STRUCTURAL STABILITY AFFECTED (1ST FOR MASEMENT - PORCH)					

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NYC Buildings

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NYC Department of Buildings

Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

Premises: 194 RICHMOND TERRACE STATEN ISLAND BIN: 5000111 Block: 13 Lot: 75

26 Total Complaint(s) View Vacate Order Complaints View SWO Complaints

Looking for a list of complaint category codes or disposition codes?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
5006836	194 RICHMOND TERRACE	04/24/1991	73	07/25/1991	C2	CLS
	HOLE THROUGHOUT BLDG. DEFECTIVE CHIMNEY - WOODBURNINGSTOVE. NO FIRE STOPPING. STRUCTURAL STABILITY AFFECTED - BUILDINGSTRUCTUALLY UNSOUND					
5006500	194 RICHMOND TERRACE	03/13/1991	73	04/09/1991	B1	RES
	DEFECTIVE CHIMNEY					
5006408	194 RICHMOND TERRACE	02/26/1991	55	04/01/1991	C2	CLS
	TRAILERS AND OLD BOATS IN BACKYARD BEING USED FOR HOMESALSO PEOPLE LIVING IN TRUCKS					
5004852	194 RICHMOND TERRACE	07/09/1990	72	07/23/1990	C2	CLS
	STRUCTURAL STABILITY AFFECTED - ALL - ILLEGAL OCCUPANCY -ILLEGAL S.R.O					
5004704	194 RICHMOND TERRACE	06/19/1990	29	06/25/1990	I1	RES
	BLDG VACANT OPEN AND UNGUARDED					
5004573	194 RICHMOND TERRACE	06/07/1990	28	06/13/1990	C2	CLS
	ALL HANDS FIRE AT ABOVE LOCATION IN REAR. PARTIALCOLLAPSE OF BUILDING. THREE (3) STORY FRAME					

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NYC Department of Buildings

Job Overview

The below job records do not include filings submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 194 RICHMOND TERRACE STATEN ISLAND **BIN: 5000111 Block: 13 Lot: 75**

To start overview at new date, select Month: ▼ Day: Year:

Show All BIS Job Types ▼ Show All Filings ▼ APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
06/06/2005	500781978	02	NB	R PERMIT-ENTIRE	10/04/2005	0022118 RA	GENNARO		NOT APPLICABLE
	APPLICATION FILES FOR STRUCTURAL WORK FO R NB Work on Floor(s): ___								
06/06/2005	500781978	01	NB	Q PERMIT-PARTIAL	07/03/2007	0022118 RA	ASPERTI		NOT APPLICABLE
	Work on Floor(s): ___								
03/24/2005	500759342	01	A3	R PERMIT-ENTIRE	04/20/2005	0022118 RA	ASPERTI		NOT APPLICABLE
	APPLICATION FILED FOR BUILDING PAVEMENT PLAN (53.15 LINEAR FT) Work on Floor(s): 1, 2, 3, 4, 5								
03/14/1995	500149975	01	DM	X SIGNED OFF	04/08/1996		TOMPKIN		NOT APPLICABLE
	Work on Floor(s): 1, 2, 3								

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NYC Buildings

NYC

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NYC Department of Buildings

Property Profile Overview

188 RICHMOND TERRACE		STATEN ISLAND 10301		BIN# 5151384	
RICHMOND TERRACE	188 - 188	**Health Area**	: 400	**Tax Block**	: 13
		Census Tract	: 7	**Tax Lot**	: 78
		Community Board	: 501	**Condo**	: NO
		Buildings on Lot	: 1	**Vacant**	: NO

View DCP Addresses... Browse Block

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

STOP WORK ORDER EXISTS ON THIS PROPERTY

Cross Street(s):	STUYVESANT PLACE, NICHOLAS STREET		
DOB Special Place Name:			
DOB Building Remarks:	TENT LOT 78 (4/05)		
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: A5-1 FAMILY DWELLING

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

	Total	Open
Complaints	6	0
Violations-DOB	2	1
Violations-ECB (DOB)	2	0

This property has 1 open DOB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit.

Jobs/Filings	2
ARA / LAA Jobs	0
Total Jobs	2
Actions	6

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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

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NYC Department of Buildings

Actions

Page: 1

Premises: 188 RICHMOND TERRACE STATEN ISLAND		BIN: 5151384	Block: 13	Lot: 78
NUMBER	**TYPE**		**FILE DATE**	
ALT 4261937	ALTERATION		00/00/0000	
ALT (PD)339-48	ALTERATION		00/00/1948	
ALT 339-48	ALTERATION		00/00/1948	
BNP &D470-51			00/00/1951	
COM 136-48	COMPLAINTS		00/00/1948	
COM 145-70683-70	COMPLAINTS		00/00/1970	
VH* 031595C01J01	VIOLATION HAZARDOUS DISMISSED		03/15/1995	
VW 091308CROST0040MI	VIOLATION WORK WITHOUT PERMIT - ACTIVE		09/13/2008	
VEL* 101806CSTFYC03	VIOLATION ECB LIEN DISMISSED		10/18/2006	
VEC* 013006Z01FC06	ECB VIOLATION DISMISSED		01/30/2006	

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

NYC Buildings

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Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

Premises: 188 RICHMOND TERRACE STATEN ISLAND **BIN: 5151384 Block: 13 Lot: 78**

6 Total Complaint(s) View Vacate Order Complaints View SWO Complaints

Looking for a list of complaint category codes or disposition codes?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
5074462	188 RICHMOND TERRACE	09/22/2008	12	09/13/2008	A3	RES
	HAZARDOUS CONDITIONS OBSERVED AT INSPECTION					
5064623	188 RICHMOND TERRACE	06/12/2007	05	06/17/2007	I2	RES
	WEEKEND WORK BEING DONE WITHOUT A VARIANCE PERMIT					
5060315	188 RICHMOND TERRACE	10/19/2006	16	11/17/2006	L1	RES
	INADUATE SUPPORT SHORING					
5060303	188 RICHMOND TERRACE	10/19/2006	83	10/19/2006	I2	RES
	WORK IS BEING DONE NOT ACCORDING TO APPROVED PLAN					
5060296	188 RICHMOND TERRACE	10/19/2006	16	10/19/2006	I2	RES
	INADEQUATE SUPPORT/SHORING					
5055304	188 RICHMOND TERRACE	01/26/2006	55	01/30/2006	A9	RES
	COMPLAINT RECIEVED - TREES REMOVED AND TOPOGRAPHY ALTERED ONPROPERTY IN HILLSIDE DISTRICT					

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

NYC Buildings

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NYC Department of Buildings

Job Overview

The below job records do not include filings submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 188 RICHMOND TERRACE STATEN ISLAND **BIN: 5151384** **Block: 13** **Lot: 78**

To start overview at new date, select Month: ▼ Day: Year:

Show All BIS Job Types ▼ Show All Filings ▼ APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
06/13/2005	500782575	01	NB	Q PERMIT-PARTIAL	07/02/2007	0022118 RA	ASPERTI	Y	NOT APPLICABLE
	Work on Floor(s): ___								
06/09/2005	500782575	02	NB	R PERMIT-ENTIRE	10/04/2005	0022118 RA	GENNARO		NOT APPLICABLE
	APPLICATION FILED FOR STRUCTURAL WORK FO R THE NEW BUILDING								
	Work on Floor(s): ___								

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NYC Department of Buildings

Property Profile Overview

186 RICHMOND TERRACE	STATEN ISLAND 10301	BIN# 5860559
RICHMOND TERRACE 186 - 186		Tax Block : 13
		Tax Lot : 79
	Community Board : 501	

View DCP Addresses... Browse Block

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

STOP WORK ORDER EXISTS ON THIS PROPERTY

DOB Special Place Name:			
DOB Building Remarks:	BLOCK 13 TENT LOT79 (4/05)		
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: A5-1 FAMILY DWELLING

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

	Total	Open
Complaints	3	0
Violations-DOB	0	0
Violations-ECB (DOB)	1	0
Jobs/Filings	2	
ARA / LAA Jobs	0	
Total Jobs	2	
Total Actions	0	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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NYC Department of Buildings

ECB Query By Location

Premises: 186 RICHMOND TERRACE STATEN ISLAND BIN: 5860559 Block: 13 Lot: 79 CB: 501

Dept. of Buildings Violations & Compliance	
Total Issued = 1	Open (Non-Compliance) = 0

ECB Hearings	
Completed / Defaulted = 1	Pending = 0

ECB Number	Dept. of Buildings Violation Status	Respondent	ECB Hearing Status	Viol Date	Infraction Codes	ECB Penalty Due
34543277P	RESOLVED - N/A - DISMISSED	OWNER OF 186 RICHMOND TER	DISMISSED	10/18/2006	B32	$0.00
	Severity: NON-HAZARDOUS	**Inspect Unit:** SPECIAL OPERATIONS		**Viol Type:** CONSTRUCTION		

Compliance Status (Open/Resolved) relates to whether a violation has been corrected/uncorrected. Dismissed violations do not require filing a Certificate of Correction.

ECB Hearing Status and the **ECB Penalty Due** are separate from **Compliance Status** (i.e. a penalty is still due in many cases even when the violating condition has been fixed).

Severity Class	
Class 1 - Immediately Hazardous	HAZ - Hazardous - 1968 Building Code
Class 2 - Major	NON-HAZ - Non-hazardous - 1968 Building Code
Class 3 - Lesser	

Violation Status Descriptions	**ECB Hearing Status**
OPEN - No Compliance Recorded	CURED/IN-VIO - In Violation/no hearing required
OPEN - Certificate Pending (Certificate of Correction submitted and under review)	STIPULATION/IN-VIO - No hearing required/in violation
OPEN - Certificate Disapproved (Certificate of Correction disapproved/not in compliance)	IN VIOLATION - Hearing decision completed
RESOLVED - N/A-Dismissed (at ECB - no Certificate of Correction required)	DISMISSED - Hearing decision completed
RESOLVED - Certificate Accepted (Certification of Correction Accepted/in compliance)	DEFAULT - Respondent failed to appear at hearing
RESOLVED - Cure Accepted (early correction accepted - in violation/no penalty or hearing)	PUBLICLY-OWNED - No hearing required
RESOLVED - Compliance Insp/Doc (condition verified by Inspector or by Dept. documentation)	PENDING - Awaiting ECB hearing or decision
	ADMIT/IN-VIO - In Violation/no hearing required
	WRITTEN OFF - Imposed penalty legally uncollectable

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

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Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

Premises: 186 RICHMOND TERRACE STATEN ISLAND **BIN: 5860559 Block: 13 Lot: 79**

3 Total Complaint(s) View Vacate Order Complaints View SWO Complaints

Looking for a list of complaint category codes or disposition codes?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
5074461	186 RICHMOND TERRACE	09/22/2008	12	09/13/2008	A3	RES
	HAZARDOUS CONDITIONS AT INSPECTION					
5060317	186 RICHMOND TERRACE	10/19/2006	16	11/17/2006	L1	RES
	INADUATE SUPPORT SHORING					
5055387	186 RICHMOND TERRACE	01/31/2006	83	02/01/2006	I1	RES
	COMPLAINT RECIEVED - TREES REMOVED AND TOPOGRAPHY ALTERED INHILLSIDE DISTRICT					

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

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Job Overview

The below job records do not include filings submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 186 RICHMOND TERRACE STATEN ISLAND **BIN: 5860559** **Block: 13** **Lot: 79**

To start overview at new date, select Month: ▼ Day: Year:

Show All BIS Job Types ▼ Show All Filings ▼ APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
06/13/2005	500782584	01	NB	Q PERMIT-PARTIAL	07/02/2007	0022118 RA	ASPERTI	Y	NOT APPLICABLE
	Work on Floor(s): ___								
06/09/2005	500782584	02	NB	R PERMIT-ENTIRE	10/04/2005	0060813 PE	GENNARO		NOT APPLICABLE
	APPLICATION FILED FOR STRUCTURAL WORK FO R THE NEW BUILDING.								
	Work on Floor(s): 001,002,003,004,005								

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

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NYC Department of Buildings

Property Profile Overview

180 RICHMOND TERRACE	STATEN ISLAND 10301	BIN# 5860723
RICHMOND TERRACE 180 - 180		Tax Block : 13
		Tax Lot : 81
	Community Board : 501	

View DCP Addresses... Browse Block

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

STOP WORK ORDER EXISTS ON THIS PROPERTY

DOB Special Place Name:			
DOB Building Remarks:	BLOCK/TENT LOT # 13/81 (06/05)		
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: A5-1 FAMILY DWELLING

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

	Total	Open
Complaints	4	0
Violations-DOB	1	1
Violations-ECB (DOB)	2	0

This property has 1 open DOB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit.

Jobs/Filings	2
ARA / LAA Jobs	0
Total Jobs	2
Total Actions	0

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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NYC Department of Buildings

DOB Violations

Page: 1

Premises: 180 RICHMOND TERRACE STATEN ISLAND		BIN: 5860723	Block: 13	Lot: 81
NUMBER	TYPE		FILE DATE	
VW 091308CROST0010MI	VIOLATION WORK WITHOUT PERMIT - ACTIVE		09/13/2008	

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

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NYC Department of Buildings

ECB Query By Location

Premises: 180 RICHMOND TERRACE STATEN ISLAND **BIN: 5860723** **Block: 13** **Lot: 81** **CB: 501**

Dept. of Buildings Violations & Compliance			
Total Issued = 2	**Open (Non-Compliance) =** 0		

ECB Hearings	
Completed / Defaulted = 2	**Pending =** 0

ECB Number	Dept. of Buildings Violation Status	Respondent	ECB Hearing Status	Viol Date	Infraction Codes	ECB Penalty Due
34523585Z	RESOLVED - N/A - DISMISSED	ELITE TACTICK LTD	DISMISSED	06/05/2006	B3C	$0.00
	Severity: HAZARDOUS	**Inspect Unit:** STATEN ISLAND CONSTRUCTION		**Viol Type:** SITE SAFETY		
34543275L	RESOLVED - N/A - DISMISSED	OWNER OF 180 RICHMOND TER	DISMISSED	10/18/2006	B32	$0.00
	Severity: NON-HAZARDOUS	**Inspect Unit:** SPECIAL OPERATIONS		**Viol Type:** CONSTRUCTION		

Compliance Status (Open/Resolved) relates to whether a violation has been corrected/uncorrected. Dismissed violations do not require filing a Certificate of Correction.

ECB Hearing Status and the **ECB Penalty Due** are separate from **Compliance Status** (i.e. a penalty is still due in many cases even when the violating condition has been fixed).

Severity Class	
Class 1 - Immediately Hazardous	HAZ - Hazardous - 1968 Building Code
Class 2 - Major	NON-HAZ - Non-hazardous - 1968 Building Code
Class 3 - Lesser	

Violation Status Descriptions	**ECB Hearing Status**
OPEN - No Compliance Recorded	CURED/IN-VIO - In Violation/no hearing required
OPEN - Certificate Pending (Certificate of Correction submitted and under review)	STIPULATION/IN-VIO - No hearing required/in violation
OPEN - Certificate Disapproved (Certificate of Correction disapproved/not in compliance)	IN VIOLATION - Hearing decision completed
RESOLVED - N/A-Dismissed (at ECB - no Certificate of Correction required)	DISMISSED - Hearing decision completed
RESOLVED - Certificate Accepted (Certification of Correction Accepted/in compliance)	DEFAULT - Respondent failed to appear at hearing
RESOLVED - Cure Accepted (early correction accepted - in violation/no penalty or hearing)	PUBLICLY-OWNED - No hearing required
RESOLVED - Compliance Insp/Doc (condition verified by Inspector or by Dept. documentation)	PENDING - Awaiting ECB hearing or decision
	ADMIT/IN-VIO - In Violation/no hearing required
	WRITTEN OFF - Imposed penalty legally uncollectable

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

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NYC Department of Buildings

Job Overview

The below job records do not include filings submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 180 RICHMOND TERRACE STATEN ISLAND **BIN: 5860723** **Block: 13** **Lot: 81**

To start overview at new date, select Month: ▼ Day: Year:

Show All BIS Job Types ▼ Show All Filings ▼ APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
06/13/2005	500782600	02	NB	R PERMIT-ENTIRE	10/04/2005	0060813 PE	GENNARO		NOT APPLICABLE
	STRUCTURAL WORK FOR THE NEW BUILDING Work on Floor(s): 001,002,003,004,005								
06/13/2005	500782600	01	NB	Q PERMIT-PARTIAL	07/02/2007	0022118 RA	ASPERTI		NOT APPLICABLE
	Work on Floor(s): 001,002,003,004,005								

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NYC Department of Buildings

Property Profile Overview

180 RICHMOND TERRACE	STATEN ISLAND 10301	BIN# 5860723
RICHMOND TERRACE 180 - 180		Tax Block : 13
		Tax Lot : 81
	Community Board : 501	

View DCP Addresses... Browse Block

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

STOP WORK ORDER EXISTS ON THIS PROPERTY

DOB Special Place Name:			
DOB Building Remarks:	BLOCK/TENT LOT # 13/81 (06/05)		
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: A5-1 FAMILY DWELLING

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

	Total	Open
Complaints	4	0
Violations-DOB	1	1
Violations-ECB (DOB)	2	0

This property has 1 open DOB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit.

Jobs/Filings	2
ARA / LAA Jobs	0
Total Jobs	2
Total Actions	0

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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DOB Violations

Premises: 180 RICHMOND TERRACE STATEN ISLAND		BIN: 5860723	Block: 13	Lot: 81
NUMBER	**TYPE**		**FILE DATE**	
VW 091308CROST0010MI	VIOLATION WORK WITHOUT PERMIT - ACTIVE		09/13/2008	

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

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NYC Department of Buildings

ECB Query By Location

Premises: 180 RICHMOND TERRACE STATEN ISLAND **BIN: 5860723** **Block: 13** **Lot: 81** **CB: 501**

Dept. of Buildings Violations & Compliance	
Total Issued = 2	**Open (Non-Compliance) =** 0

ECB Hearings	
Completed / Defaulted = 2	**Pending =** 0

ECB Number	Dept. of Buildings Violation Status	Respondent	ECB Hearing Status	Viol Date	Infraction Codes	ECB Penalty Due
34523585Z	RESOLVED - N/A - DISMISSED	ELITE TACTICK LTD	DISMISSED	06/05/2006	B3C	$0.00
	Severity: HAZARDOUS	**Inspect Unit:** STATEN ISLAND CONSTRUCTION		**Viol Type:** SITE SAFETY		
34543275L	RESOLVED - N/A - DISMISSED	OWNER OF 180 RICHMOND TER	DISMISSED	10/18/2006	B32	$0.00
	Severity: NON-HAZARDOUS	**Inspect Unit:** SPECIAL OPERATIONS		**Viol Type:** CONSTRUCTION		

Compliance Status (Open/Resolved) relates to whether a violation has been corrected/uncorrected. Dismissed violations do not require filing a Certificate of Correction.

ECB Hearing Status and the **ECB Penalty Due** are separate from **Compliance Status** (i.e. a penalty is still due in many cases even when the violating condition has been fixed).

Severity Class	
Class 1 - Immediately Hazardous	HAZ - Hazardous - 1968 Building Code
Class 2 - Major	NON-HAZ - Non-hazardous - 1968 Building Code
Class 3 - Lesser	

Violation Status Descriptions	**ECB Hearing Status**
OPEN - No Compliance Recorded	CURED/IN-VIO - In Violation/no hearing required
OPEN - Certificate Pending (Certificate of Correction submitted and under review)	STIPULATION/IN-VIO - No hearing required/in violation
OPEN - Certificate Disapproved (Certificate of Correction disapproved/not in compliance)	IN VIOLATION - Hearing decision completed
RESOLVED - N/A-Dismissed (at ECB - no Certificate of Correction required)	DISMISSED - Hearing decision completed
RESOLVED - Certificate Accepted (Certification of Correction Accepted/in compliance)	DEFAULT - Respondent failed to appear at hearing
RESOLVED - Cure Accepted (early correction accepted - in violation/no penalty or hearing)	PUBLICLY-OWNED - No hearing required
RESOLVED - Compliance Insp/Doc (condition verified by Inspector or by Dept. documentation)	PENDING - Awaiting ECB hearing or decision
	ADMIT/IN-VIO - In Violation/no hearing required
	WRITTEN OFF - Imposed penalty legally uncollectable

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NYC Buildings

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NYC Department of Buildings

Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

Premises: 180 RICHMOND TERRACE STATEN ISLAND **BIN: 5860723 Block: 13 Lot: 81**

4 Total Complaint(s) View Vacate Order Complaints View SWO Complaints

Looking for a list of complaint category codes or disposition codes?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
5074457	180 RICHMOND TERRACE	09/22/2008	12	09/13/2008	A3	RES
	HAZARDOUS CONDITIONS OBSERVED AT INSPECTION					
5060316	180 RICHMOND TERRACE	10/19/2006	16	11/17/2006	L1	RES
	NO SHORING OR SHEETING					
5057620	180 RICHMOND TERRACE	06/02/2006	15	06/05/2006	A9	RES
	CALLER REPORTS THAT PORTION OF FENCE FELL DOWN LEAVING CONSTRUCTION SITE OPEN. CALLER TRIED TO CONTACT CONSTRUCTION COMPANY WITH NO RESPONSE					
5055389	180 RICHMOND TERRACE	01/31/2006	83	02/01/2006	I1	RES
	COMPLAINT RECIEVED - TREES REMOVED AND TOPOGRAPHY ALTERED INHILLSIDE DISTRICT					

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

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NYC Department of Buildings

Job Overview

The below job records do not include filings submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 180 RICHMOND TERRACE STATEN ISLAND **BIN: 5860723** **Block: 13** **Lot: 81**

To start overview at new date, select Month: ▼ Day: Year:

Show All BIS Job Types ▼ Show All Filings ▼ APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
06/13/2005	500782600	02	NB	R PERMIT-ENTIRE	10/04/2005	0060813 PE	GENNARO		NOT APPLICABLE
	STRUCTURAL WORK FOR THE NEW BUILDING Work on Floor(s): 001,002,003,004,005								
06/13/2005	500782600	01	NB	Q PERMIT-PARTIAL	07/02/2007	0022118 RA	ASPERTI		NOT APPLICABLE
	Work on Floor(s): 001,002,003,004,005								

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

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Property Profile Overview

178 RICHMOND TERRACE	STATEN ISLAND 10301	BIN# 5816167
RICHMOND TERRACE 178 - 178		Tax Block : 13
		Tax Lot : 82
	Community Board : 501	

View DCP Addresses... Browse Block

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

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: V1-VACANT LAND

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

	Total	Open
Complaints	3	1
Violations-DOB	2	1
Violations-ECB (DOB)	0	0

This property has 1 open DOB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit.

Jobs/Filings	8
ARA / LAA Jobs	0
Total Jobs	8
Actions	3

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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

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NYC Department of Buildings

Actions

Premises: 178 RICHMOND TERRACE STATEN ISLAND		BIN: 5816167	Block: 13	Lot: 82
NUMBER	**TYPE**		**FILE DATE**	
MISC 258-87	MISCELLANEOUS		09/03/1987	
MISC 259-87	MISCELLANEOUS		09/03/1987	
NB 1564-87	NEW BUILDING		06/08/1987	
VH* 031595C01J02	VIOLATION HAZARDOUS DISMISSED		03/15/1995	
VW 022406C0102FC	VIOLATION WORK WITHOUT PERMIT - ACTIVE		02/24/2006	

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NYC Buildings

NYC

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NYC Department of Buildings

Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

Premises: 178 RICHMOND TERRACE STATEN ISLAND **BIN: 5816167 Block: 13 Lot: 82**

3 Total Complaint(s) View Vacate Order Complaints View SWO Complaints

Looking for a list of complaint category codes or disposition codes?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
5082329	178 RICHMOND TERRACE	12/07/2009	1G	12/06/2017	S7	ACT
	STALLED SITE/ NB 510036925/SMP APPROVED 6/29/13					
5070975	178 RICHMOND TERRACE	04/24/2008	73	04/25/2008	I2	RES
	VACANT LOT USED FOR STORAGE OF CARS ,TRUCKS AND TRAILERS					
5055758	178 RICHMOND TERRACE	02/23/2006	55	02/24/2006	A1	RES
	ROADWAY CUT THRU AND TOPOGRAPHY ALTERED ON PROPERTY LOCATEDIN HILLSIDE DISTRICT					

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

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NYC Department of Buildings

Job Overview

The below job records do not include filings submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 178 RICHMOND TERRACE STATEN ISLAND **BIN: 5816167 Block: 13 Lot: 82**

To start overview at new date, select Month: ▼ Day: Year:

Show All BIS Job Types ▼ Show All Filings ▼ APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
06/30/2008	510046905	01	A2	Q PERMIT-PARTIAL	06/30/2008	0083592 PE	CARDINAL		NOT APPLICABLE
	PLUMBING MODIFICATIONS AS PER PLANS FILED HEREWITH. INSTALLATION OF TEMPOR								
	Work on Floor(s): SC1,SC2,SC3,MEZ,ROF 001 thru 018								
06/26/2008	510046371	02	NB	R PERMIT-ENTIRE	07/01/2008	0026194 RA	SUK, AIA		NOT APPLICABLE
	STRUCTURAL WORK FOR NEW BUILDING AS SHOWN ON DRAWINGS FILED HEREWITH. JOB#								
	Work on Floor(s): SC1,SC2,SC3,MEZ,ROF 001 thru 018								
06/26/2008	510046371	01	NB	R PERMIT-ENTIRE	07/01/2008	0026194 RA	SUK, AIA		NOT APPLICABLE
	NEW BUILDING AS SHOWN ON DRAWINGS FILED HEREWITH.								
	Work on Floor(s): SC1,SC2,SC3,MEZ,ROF 001 thru 018								
06/25/2008	510045014	02	A2	R PERMIT-ENTIRE	07/01/2008	0070068 PE	RIMAL		NOT APPLICABLE
	GEOTECHNICAL SHORING & EXCAVATION AS SHOWN ON DRAWINGS FILED HEREWITH. NO								
	Work on Floor(s): CEL,001,MEZ,002								
06/24/2008	510045862	01	A3	R PERMIT-ENTIRE	09/09/2008	0068836 PE	DEFELIPP		NOT APPLICABLE
	BUILDERS PAVEMENT PLAN TOTAL STREET FRONTAGE 399FT								
	Work on Floor(s): OSP								
06/17/2008	510045014	01	A2	R PERMIT-ENTIRE	07/01/2008	0070068 PE	RIMAL		NOT APPLICABLE
	FOUNDATION AND STRUCTURAL FRAMING FOR BASE OF NEW RESIDENTIAL TOWER FILED								
	Work on Floor(s): CEL,1, MEZ,2								
05/12/2008	510036925	01	NB	J P/E DISAPPROVED	05/14/2008	0026194 RA	SUK, AIA		NOT APPLICABLE
	PROPOSE TO ERECT NEW BUILDING AS SHOWN ON DRAWINGS FILED HEREWITH.								
	Work on Floor(s): CEL,MEZ,ROF 1 thru 19								
04/08/1999	500347421	01	A3	R PERMIT-ENTIRE	04/24/2000	0018952 RA	MACDERMO		NOT APPLICABLE
	INSTALL 8'-0" HIGH FENCE AT PROPOSED --- CONSTRUCTION SITE TO PROTECT								

Work on Floor(s): N/A

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

NYC Buildings

NYC

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NYC Department of Buildings

Property Profile Overview

170 RICHMOND TERRACE	STATEN ISLAND 10301	BIN# 5816148
RICHMOND TERRACE 170 - 170		Tax Block : 13
		Tax Lot : 92
	Community Board : 501	

View DCP Addresses... Browse Block

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

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: V0-VACANT LAND

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

	Total	Open
Complaints	1	0
Violations-DOB	1	1
Violations-ECB (DOB)	0	0

This property has 1 open DOB "Work Without A Permit" Violations and may be subject to DOB civil penalties upon application for a permit.

Jobs/Filings	0
ARA / LAA Jobs	0
Total Jobs	0
Actions	1

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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

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NYC Department of Buildings

Actions

Premises: 170 RICHMOND TERRACE STATEN ISLAND		BIN: 5816148	Block: 13	Lot: 92
NUMBER	**TYPE**		**FILE DATE**	
NB 1122-56(PD)	NEW BUILDING		00/00/1956	
VW 022406C0101FC	VIOLATION WORK WITHOUT PERMIT - ACTIVE		02/24/2006	

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

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

Premises: 170 RICHMOND TERRACE STATEN ISLAND **BIN: 5816148 Block: 13 Lot: 92**

1 Total Complaint(s) View Vacate Order Complaints View SWO Complaints

Looking for a list of complaint category codes or disposition codes?
(Adobe Acrobat Reader required)

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
5055757	170 RICHMOND TERRACE	02/23/2006	55	02/24/2006	A1	RES
	ROADWAY CUT THRU AND TOPOGRAPHY ALTERED ON PROPERTY LOCATEDIN HILLSIDE DISTRICT					

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

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Job Overview

The below job records do not include filings submitted in DOB NOW; use the DOB NOW Public Portal to access DOB NOW records.

Premises: 178 RICHMOND TERRACE STATEN ISLAND **BIN: 5816167 Block: 13 Lot: 82**

To start overview at new date, select Month: ▼ Day: Year:

Show All BIS Job Types ▼ Show All Filings ▼ APPLY

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
06/30/2008	510046905	01	A2	Q PERMIT-PARTIAL	06/30/2008	0083592 PE	CARDINAL		NOT APPLICABLE
	PLUMBING MODIFICATIONS AS PER PLANS FILED HEREWITH. INSTALLATION OF TEMPOR								
	Work on Floor(s): SC1,SC2,SC3,MEZ,ROF 001 thru 018								
06/26/2008	510046371	02	NB	R PERMIT-ENTIRE	07/01/2008	0026194 RA	SUK, AIA		NOT APPLICABLE
	STRUCTURAL WORK FOR NEW BUILDING AS SHOWN ON DRAWINGS FILED HEREWITH. JOB#								
	Work on Floor(s): SC1,SC2,SC3,MEZ,ROF 001 thru 018								
06/26/2008	510046371	01	NB	R PERMIT-ENTIRE	07/01/2008	0026194 RA	SUK, AIA		NOT APPLICABLE
	NEW BUILDING AS SHOWN ON DRAWINGS FILED HEREWITH.								
	Work on Floor(s): SC1,SC2,SC3,MEZ,ROF 001 thru 018								
06/25/2008	510045014	02	A2	R PERMIT-ENTIRE	07/01/2008	0070068 PE	RIMAL		NOT APPLICABLE
	GEOTECHNICAL SHORING & EXCAVATION AS SHOWN ON DRAWINGS FILED HEREWITH. NO								
	Work on Floor(s): CEL,001,MEZ,002								
06/24/2008	510045862	01	A3	R PERMIT-ENTIRE	09/09/2008	0068836 PE	DEFELIPP		NOT APPLICABLE
	BUILDERS PAVEMENT PLAN TOTAL STREET FRONTAGE 399FT								
	Work on Floor(s): OSP								
06/17/2008	510045014	01	A2	R PERMIT-ENTIRE	07/01/2008	0070068 PE	RIMAL		NOT APPLICABLE
	FOUNDATION AND STRUCTURAL FRAMING FOR BASE OF NEW RESIDENTIAL TOWER FILED								
	Work on Floor(s): CEL,1, MEZ,2								
05/12/2008	510036925	01	NB	J P/E DISAPPROVED	05/14/2008	0026194 RA	SUK, AIA		NOT APPLICABLE
	PROPOSE TO ERECT NEW BUILDING AS SHOWN ON DRAWINGS FILED HEREWITH.								
	Work on Floor(s): CEL,MEZ,ROF 1 thru 19								
04/08/1999	500347421	01	A3	R PERMIT-ENTIRE	04/24/2000	0018952 RA	MACDERMO		NOT APPLICABLE
	INSTALL 8'-0" HIGH FENCE AT PROPOSED --- CONSTRUCTION SITE TO PROTECT								

Work on Floor(s): N/A

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

NYC Buildings

NYC

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NYC Department of Buildings

Property Profile Overview

8 STUYVESANT PLACE		STATEN ISLAND 10301	BIN# 5818493
STUYVESANT PLACE	8 - 8		Tax Block : 13
			Tax Lot : 100
		Community Board : 501	

View DCP Addresses... Browse Block

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

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: V1-VACANT LAND

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

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

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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NYC Department of Buildings

Actions

Premises: 8 STUYVESANT PLACE STATEN ISLAND		BIN: 5818493 Block: 13 Lot: 100
NUMBER	**TYPE**	**FILE DATE**
ALT 2761936DEMOLITIONOFADWG	ALTERATION	00/00/0000

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NYC Buildings

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NYC Department of Buildings

Property Profile Overview

18 STUYVESANT PLACE		STATEN ISLAND 10301	BIN# 5818479
STUYVESANT PLACE	18 - 18		Tax Block : 13
			Tax Lot : 103
		Community Board : 501	

View DCP Addresses... Browse Block

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

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: V1-VACANT LAND

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

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

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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NYC Department of Buildings

Actions

Premises: 18 STUYVESANT PLACE STATEN ISLAND		BIN: 5818479 Block: 13 Lot: 103
NUMBER	**TYPE**	**FILE DATE**
BN 469-51	BUILDING NOTICE	00/00/1951
COM 1789-64	COMPLAINTS	00/00/1964
DEM 22-75	DEMOLITION	00/00/1975
REC 7337		00/00/0000
UB** 30-74-3-21-75SURVEYFEEPD		00/00/1974

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NYC Buildings

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NYC Department of Buildings

Property Profile Overview

20 STUYVESANT PLACE		STATEN ISLAND 10301	BIN# 5818480
STUYVESANT PLACE	20 - 20		Tax Block : 13
			Tax Lot : 104
		Community Board : 501	

View DCP Addresses... Browse Block

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

DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Environmental Restrictions:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: HS - HILLSIDES PRESERVATION

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

Department of Finance Building Classification: V1-VACANT LAND

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

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

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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NYC Buildings

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NYC Department of Buildings

Actions

Premises: 20 STUYVESANT PLACE STATEN ISLAND **BIN: 5818480** **Block: 13** **Lot: 104**

NUMBER		TYPE	FILE DATE
CO 27798-65	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/1965
COM 1120-62,1350-63,721-64		COMPLAINTS	00/00/1962
DEM 111-64		DEMOLITION	00/00/1964
UB 70-63**			00/00/1963
V* 766/64		DOB VIOLATION - DISMISSED	00/00/1964

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

DEPARTMENT OF BUILDINGS

BOROUGH OF RICHMOND, THE CITY OF NEW YORK

Date No.

CERTIFICATE OF OCCUPANCY 27738

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

This certificate supersedes C. O. No.

THIS CERTIFIES that the new—[redacted]-building—premises located at 20 Stuyvesant Avenue Block 5615 Lot 7

That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the West side of Stuyvesant Avenue distant 517.47 feet North from the corner formed by the intersection of Whalley Avenue and Stuyvesant Avenue

running thence West 122.90 feet; thence North 80.00 feet;

thence East 109.38 (Tax 108.76) feet; thence South 42.43 feet;

running thence feet; thence feet;

to the point or place of beginning, conforms substantially to the approved plans and specifications, and to the requirements of the Building Code, the Zoning Resolution and all other laws and ordinances, and of rules of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

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

N.B. [redacted]. No— 858/63 Construction classification— 4

Occupancy classification— Residence . Height 2 stories, 13½ feet.

Date of completion— 4/20/65 . Located in R 3-2 Zoning District.

at time of issuance of permit.

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

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces Accessory one (1) car parking area

Off-Street Loading Berths

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Basement	On ground		Heating plant and accessory storage
1st story	40		One (1) family residence

CURB CUT # 13952

Does Not

Does Not

MD

Borough Superintendent

OFFICE COPY—DEPARTMENT OF BUILDINGS

PERMISSIBLE USE AND OCCUPANCY (continued)

STORY	LIVE LOADS Lbs. per Sq. Ft.	NUMBER ACCOMMODATED	USE

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

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

Fuel Tank Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

Environmental Business Consultants
Name

1808 Middle Country Road
Address

Ridge, NY 11961
State Zip Code

(631 504-6000
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

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

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

170-194	Richmond Terrace	Staten Island
House Number	Street Name	Borough

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

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

PR3 (July-08)

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

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

Fuel Tank Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

Environmental Business Consultants
Name

1808 Middle Country Road
Address

Ridge, NY 11961
State Zip Code

(631 504-6000
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

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

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

8-20	Stuyvesant Place	Staten Island
House Number	Street Name	Borough

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

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

PR3 (July-08)

FIRE DEPARTMENT – CITY OF NEW YORK
Public Records Unit / Fire Records Section
9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2681 or 2682

Violation Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

August 29, 2018
Date

Environmental Business Consultants
Name

1808 Middle Country Road
Address

Ridge, NY 11961
Borough, State Zip Code

(631) 504-6000
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

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

SECTION B REQUEST VIOLATION REPORT FEE $10.00 / PER REPORT

Please print the required information below.

170-194	Richmond Terrace	Staten Is.
House No	Street Name	Borough

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

☐ **EXISTING- ALL SUMMONSES**

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

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

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Fire Records Section

9 MetroTech Center

Brooklyn, New York 11201-3857

(718) 999-2681 or 2682

Violation Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

August 29, 2018
Date

Environmental Business Consultants
Name

1808 Middle Country Road
Address

Ridge, NY 11961
Borough, State Zip Code

(631) 504-6000
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

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

SECTION B REQUEST VIOLATION REPORT FEE $10.00 / PER REPORT

Please print the required information below.

8-20	Stuyvesant Place	Staten Is.
House No	Street Name	Borough

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

☐ **EXISTING- ALL SUMMONSES**

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

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

(/)

Request a Record

Please make your request specific so you receive the fastest service. After you submit a FOIL request you will receive a confirmation number so you can track the status of the response. The agency will notify you about how much time is required to respond to your request.

Category (optional)

Environment

Agency (required)

Department of Environmental Protection (DEP)

Request Title (required)

Note: The agency, category, and title of your request will be visible to the public. Do not enter personal information here.

Phase I ESA

79 characters remaining

Request Description (required)

Note: The request details you write here will not be visible to the public. However, the agency may post a description of the records provided.

Any and all information regarding the environmental condition and/or the historic use of the properties at 170-194 Richmond Terrace and 8-20 Stuyvesant Place,

Staten Island, NY 10310 (Block 13, Lot Nos. 75, 78, 79, 80, 81, 82, 92, 100, 103, and 104). These records are being sought in conjunction with the preparation of a Phase I Environmental Site Assessment.

4638 characters remaining

Upload File (Must be less than 20 Mb)

Choose File Clear File

Personal Information

This information will not be publicly viewable on this site. You must provide contact information so that the agency can respond to your request for records.

First Name (required)

Keith

27 characters remaining

Last Name (required)

Butler

58 characters remaining

Email

kbutler@ebcincny.com

Alternate Contact Information

No information entered in this section will be visible to the public.

Title

Sr. Project Manager

45 characters remaining

Organization

Env Business Consultants

104 characters remaining

Phone

(631) 504-6000

Fax

(631) 924-2870

Address

Address Line 1

1808 Middle Country Road

Address Line 2

Apartment 3D

City

Ridge

State

New York

Zip

11961

Submit Request

Directory of City Agencies (http://www1.nyc.gov/nyc-resources/agencies.page)

Contact NYC Government (http://www1.nyc.gov/home/contact-us.page)

City Employees (https://a127-ess.nyc.gov)

Notify NYC (http://www.nyc.gov/notifynyc)

CityStore (http://a856-citystore.nyc.gov/)

Stay Connected (http://www1.nyc.gov/connect/social-media.page)

NYC Mobile Apps (http://www1.nyc.gov/connect/applications.page)

Maps (http://www1.nyc.gov/nyc-resources/nyc-maps.page)

Resident Toolkit (http://www1.nyc.gov/nyc-resources/resident-toolkit.page)

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(/)

Your request has been submitted!

You can expect an acknowledgment from the City of New York within 5 business days. The agency will use the contact information you provided.

All messages from the City of New York and/or the information and documents you requested will be posted to this page.

FOIL-2018-826-01871

Title:
Phase I ESA

Open

Department of Environmental Protection (DEP)

Acknowledgment
Due Date: 09/06/2018

Contact the Agency

Responses

Directory of City Agencies (http://www1.nyc.gov/nyc-resources/agencies.page)

Contact NYC Government (http://www1.nyc.gov/home/contact-us.page)

City Employees (https://a127-ess.nyc.gov)

Notify NYC (http://www.nyc.gov/notifynyc)

CityStore (http://a856-citystore.nyc.gov/)

Stay Connected (http://www1.nyc.gov/connect/social-media.page)

NYC Mobile Apps (http://www1.nyc.gov/connect/applications.page)

Maps (http://www1.nyc.gov/nyc-resources/nyc-maps.page)

Resident Toolkit (http://www1.nyc.gov/nyc-resources/resident-toolkit.page)

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(http://www1.nyc.gov/home/terms-of-use.page).

ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road. Ridge, New York 11961
Phone: 631.504.6000 Fax: 631.924.2870

August 29, 2018

Records Access Officer
New York City Department of Health
42-09 28th Street, 14th Floor CN 31
Long Island City, New York 11101

Re: Freedom of Information Request
170-194 Richmond Terrace and 8-20 Stuyvesant Place
Block 13, Lot Nos. 75, 78, 79, 80, 81, 82, 92, 100, 103, and 104
Staten Island, New York 10301

Dear Sir or Madam:

Our firm has been retained to prepare an Environmental Assessment for the above-referenced properties.

We are respectfully requesting information regarding any flammable storage permits, chemical or petroleum storage, spills, registered above or underground storage tanks, air discharge permits, investigations of environmental concern (e.g. asbestos, lead paint), etc. for the facility.

We agree with the department's decision to omit any health or personal identification in records provided.

If you require additional information to respond to this request or if there are costs associated with same, please do not hesitate to contact me. Thank you for your cooperation.

Sincerely,

Environmental Business Consultants

Keith Butler
Senior Project Manager

APPENDIX C

HISTORIC INFORMATION

Undeveloped Property

170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl

Staten Island, NY 10301

Inquiry Number: 5399096.3

August 20, 2018

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

08/20/18

Site Name:

Undeveloped Property
170-194 Richmond Terrace, 8,
Staten Island, NY 10301
EDR Inquiry # 5399096.3

Client Name:

Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961
Contact: Keith Butler

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Env. Business Consultants were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 86B9-4E81-B690

PO # NA

Project MRC1805

Maps Provided:

2007	1995	1987	1922
2006	1994	1986	1917
2005	1993	1983	1898
2004	1992	1981	
2003	1991	1977	
2002	1990	1962	
2001	1989	1950	
1996	1988	1937	

Sanborn® Library search results

Certification #: 86B9-4E81-B690

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

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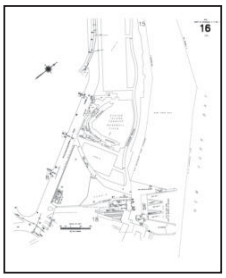
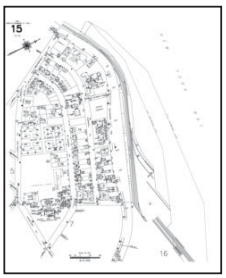
2007 Source Sheets

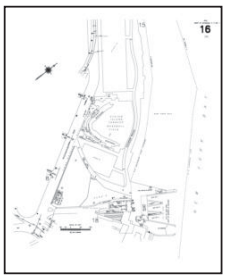
Volume 1, Sheet 7


Volume 1, Sheet 16

2006 Source Sheets

Volume 1, Sheet 7


Volume 1, Sheet 15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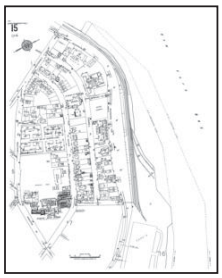
2005 Source Sheets

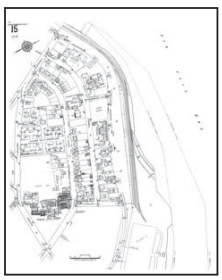
Volume 1, Sheet 7


Volume 1, Sheet 15

Volume 1, Sheet 16

2004 Source Sheets

Volume 1, Sheet 7


Volume 1, Sheet 15

Volume 1, Sheet 16

Sanborn Sheet Key

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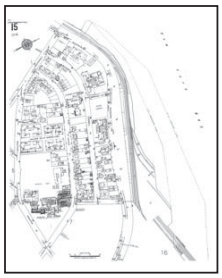
2003 Source Sheets

Volume 1, Sheet 7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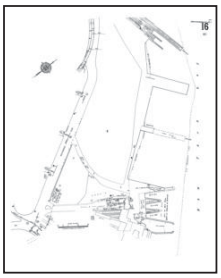
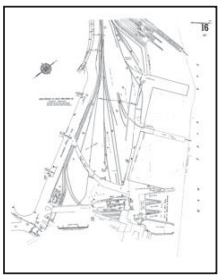

Volume 1, Sheet 16

2002 Source Sheets

Volume 1, Sheet 7

Volume 1, Sheet 15


Volume 1, Sheet 16

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Volume 1, Sheet 7

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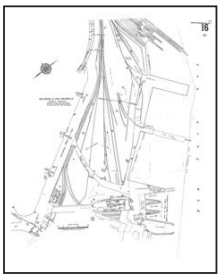
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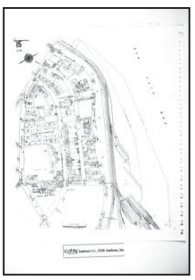
1996 Source Sheets

Volume 1, Sheet 7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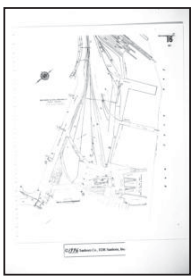
Volume 1, Sheet 16

Sanborn Sheet Key

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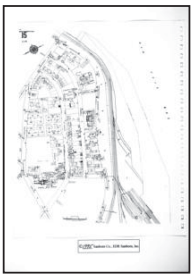
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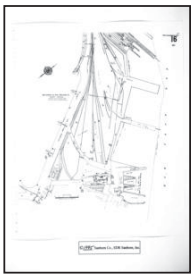
Volume 1, Sheet 16

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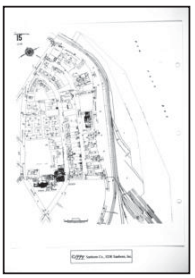
Volume 1, Sheet 7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Volume 1, Sheet 16

1993 Source Sheets

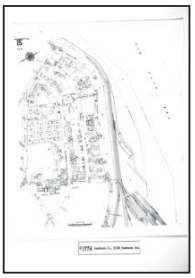
Volume 1, Sheet 7

Volume 1, Sheet 15

Volume 1, Sheet 16

1992 Source Sheets

Volume 1, Sheet 7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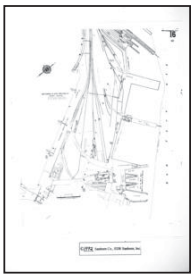

Volume 1, Sheet 16

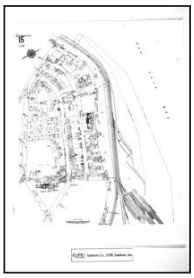
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1991 Source Sheets

Volume 1, Sheet 7

Volume 1, Sheet 5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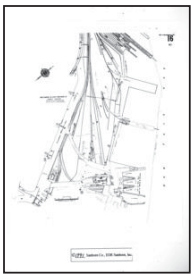
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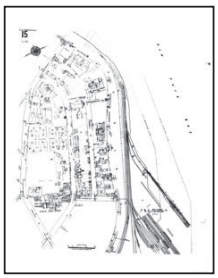
1990 Source Sheets

Volume 1, Sheet 7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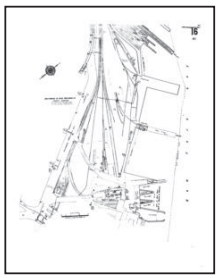
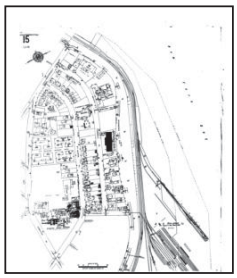

Volume 1, Sheet 16

1989 Source Sheets

Volume 1, Sheet 7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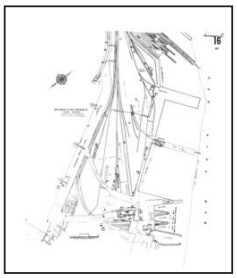
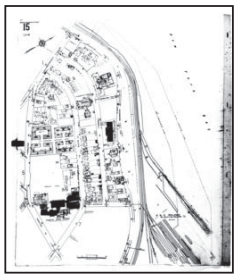

Volume 1, Sheet 16

1988 Source Sheets

Volume 1, Sheet 7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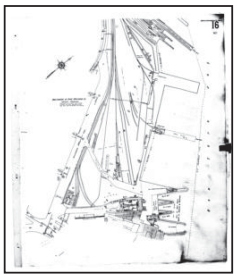

Volume 1, Sheet 16

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1987 Source Sheets

Volume 1, Sheet 7

Volume 1, Sheet 15

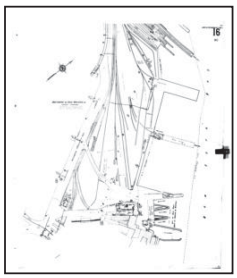
Volume 1, Sheet 16

1986 Source Sheets

Volume 1, Sheet 5

Volume 1, Sheet 7

Volume 1, Sheet 15


Volume 1, Sheet 16

1983 Source Sheets

Volume 1, Sheet 15

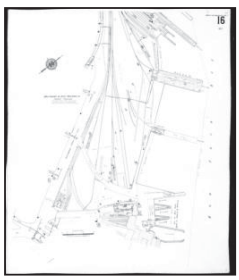
Volume 1, Sheet 16

Volume 1, Sheet 7

1981 Source Sheets

Volume 1, Sheet 7

Volume 1, Sheet 15


Volume 1, Sheet 16

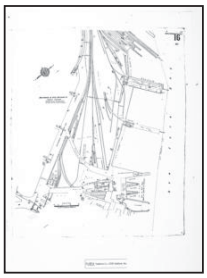
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1977 Source Sheets

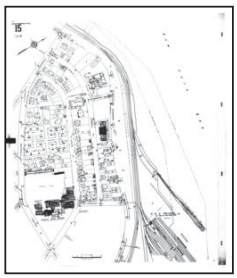
Volume 1, Sheet 7

Volume 1, Sheet 15


Volume 1, Sheet 16

1962 Source Sheets

Volume 1, Sheet 7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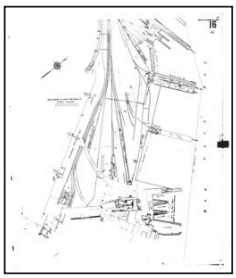
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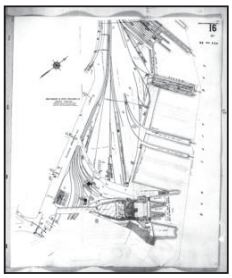
1950 Source Sheets

Volume 1, Sheet 7

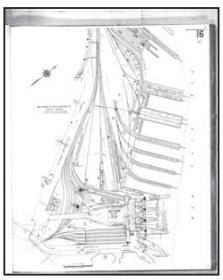
Volume 1, Sheet 15


Volume 1, Sheet 16

1937 Source Sheets

Volume 1, Sheet 7

Volume 1, Sheet 15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Sanborn Sheet Key

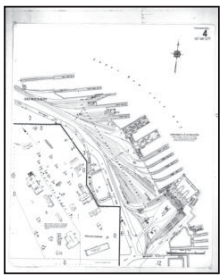
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1922 Source Sheets

Volume Pier Maps, Sheet 49

1917 Source Sheets

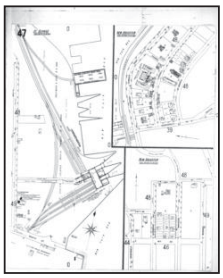
Volume 1, Sheet 3



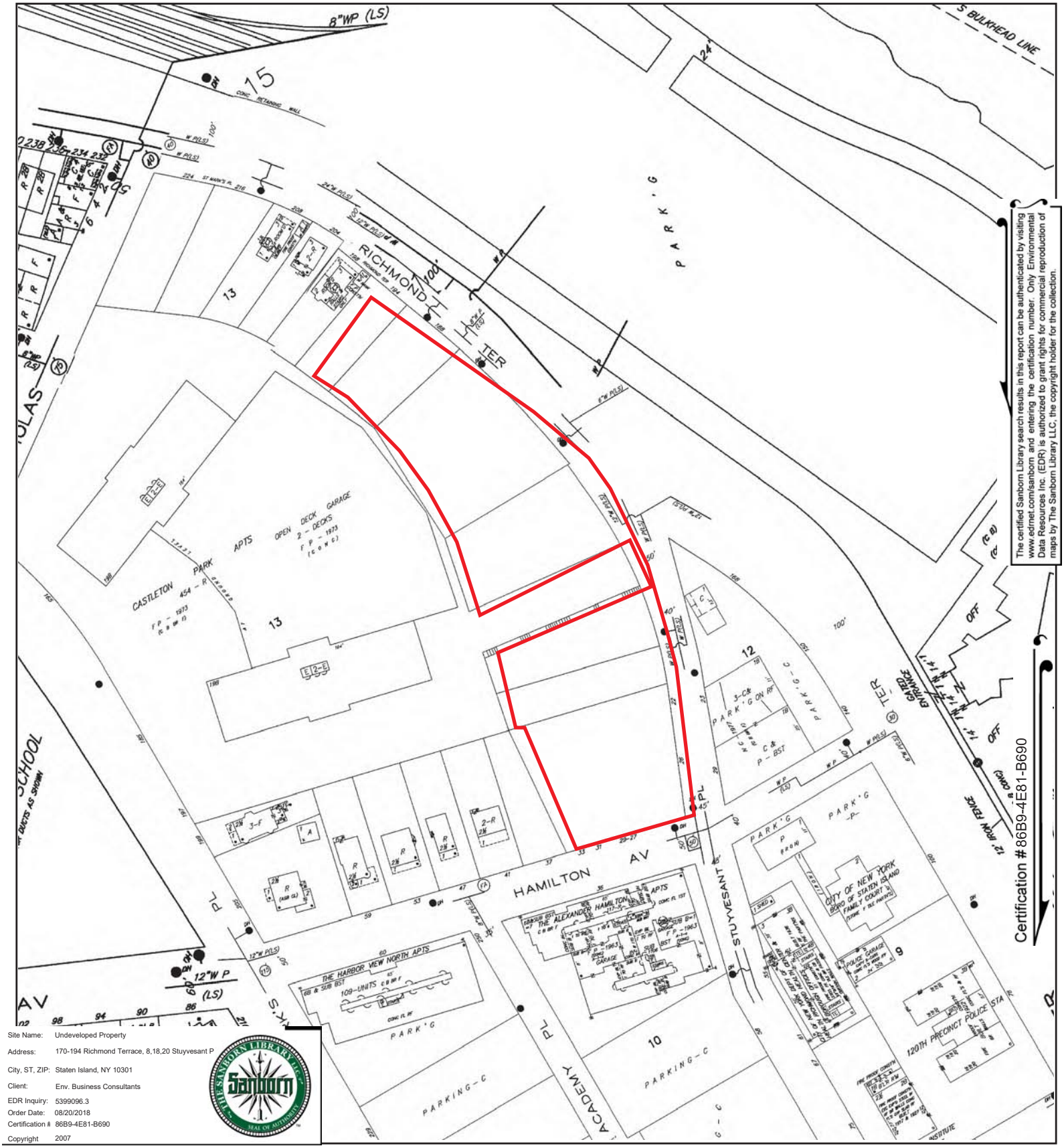
Volume 1, Sheet 4

1898 Source Sheets

Volume 1, Sheet 48



Volume 1, Sheet 47



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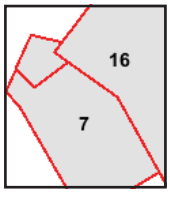

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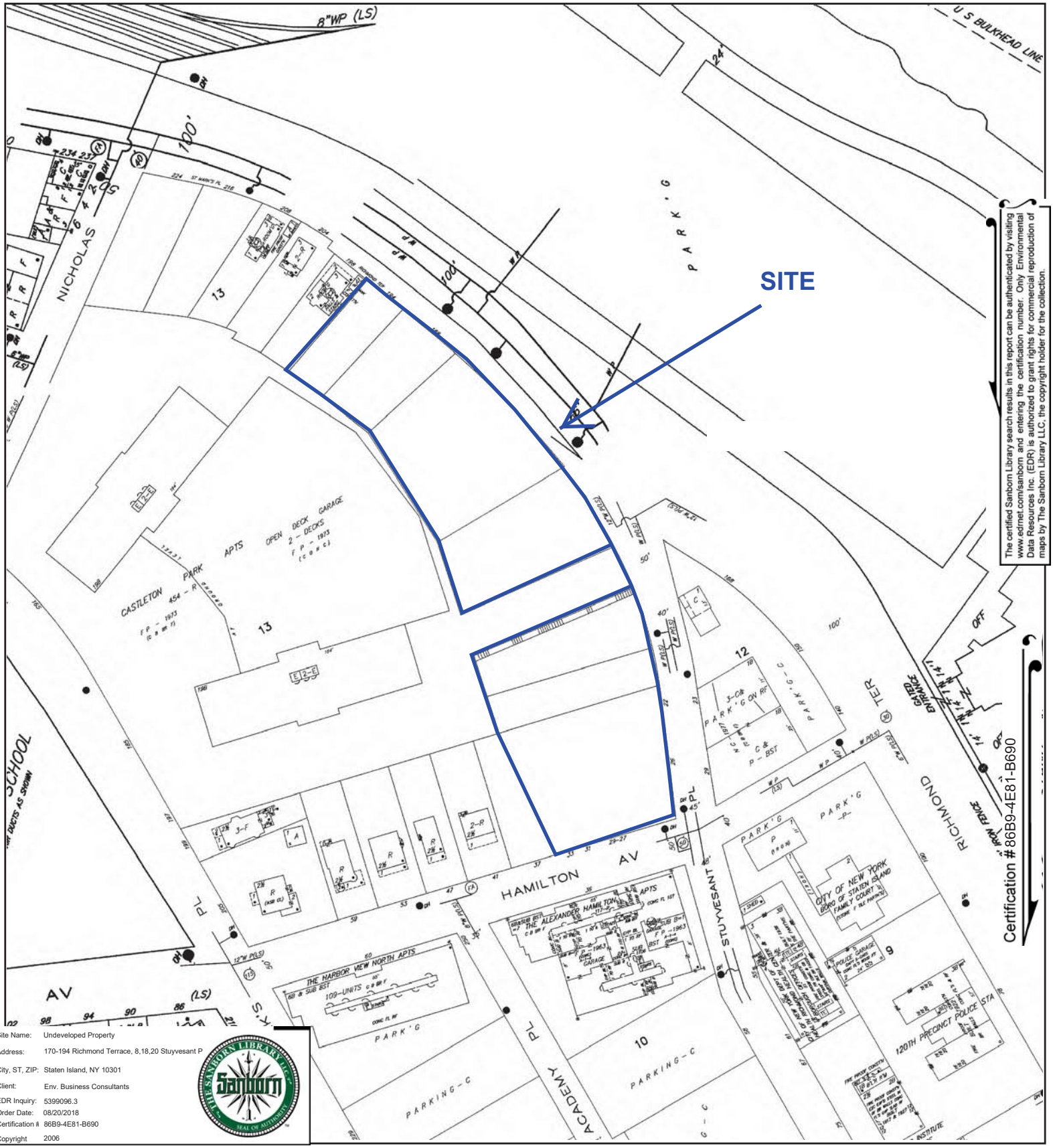

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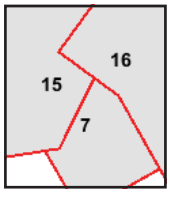

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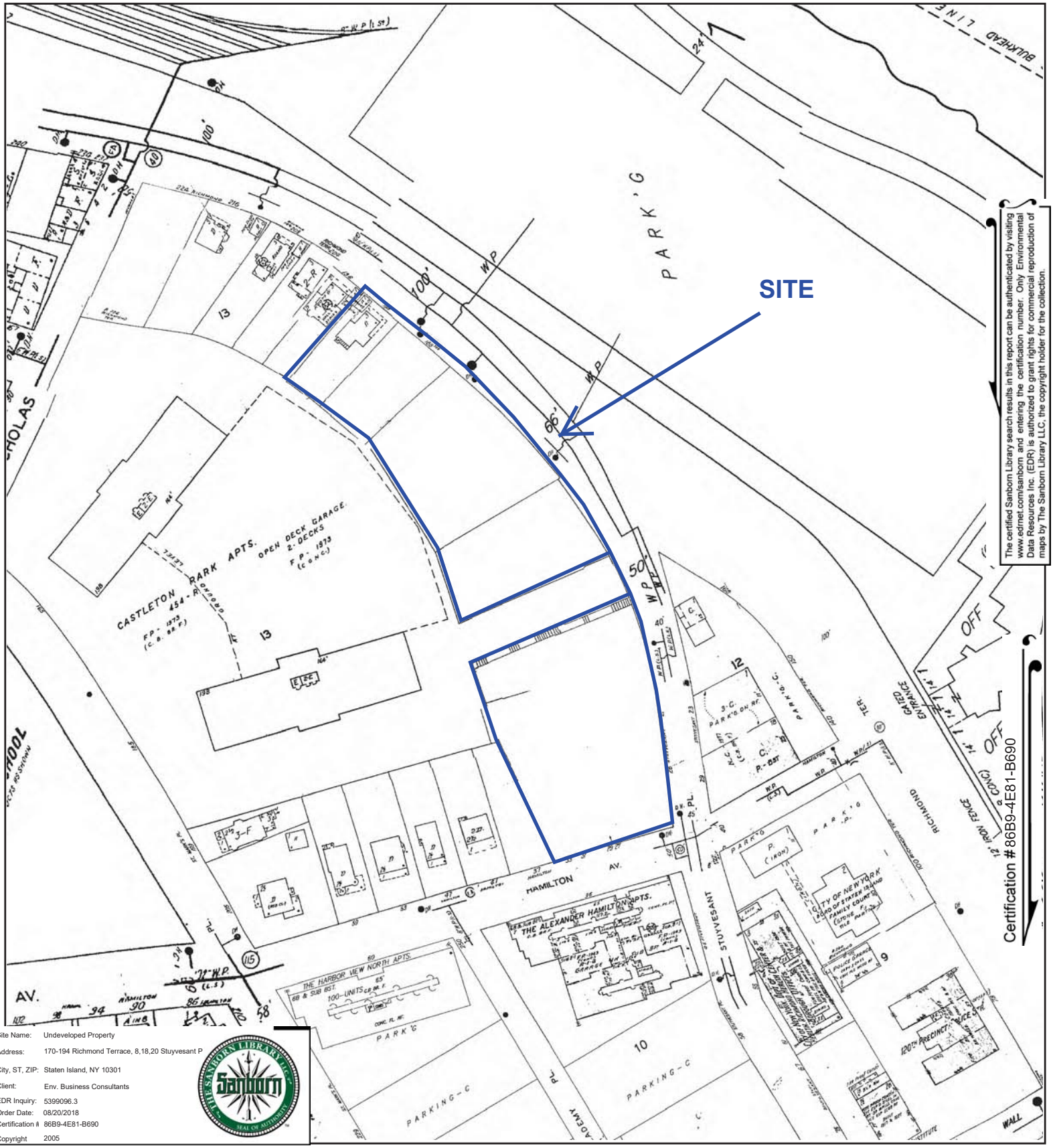

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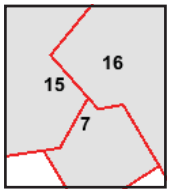

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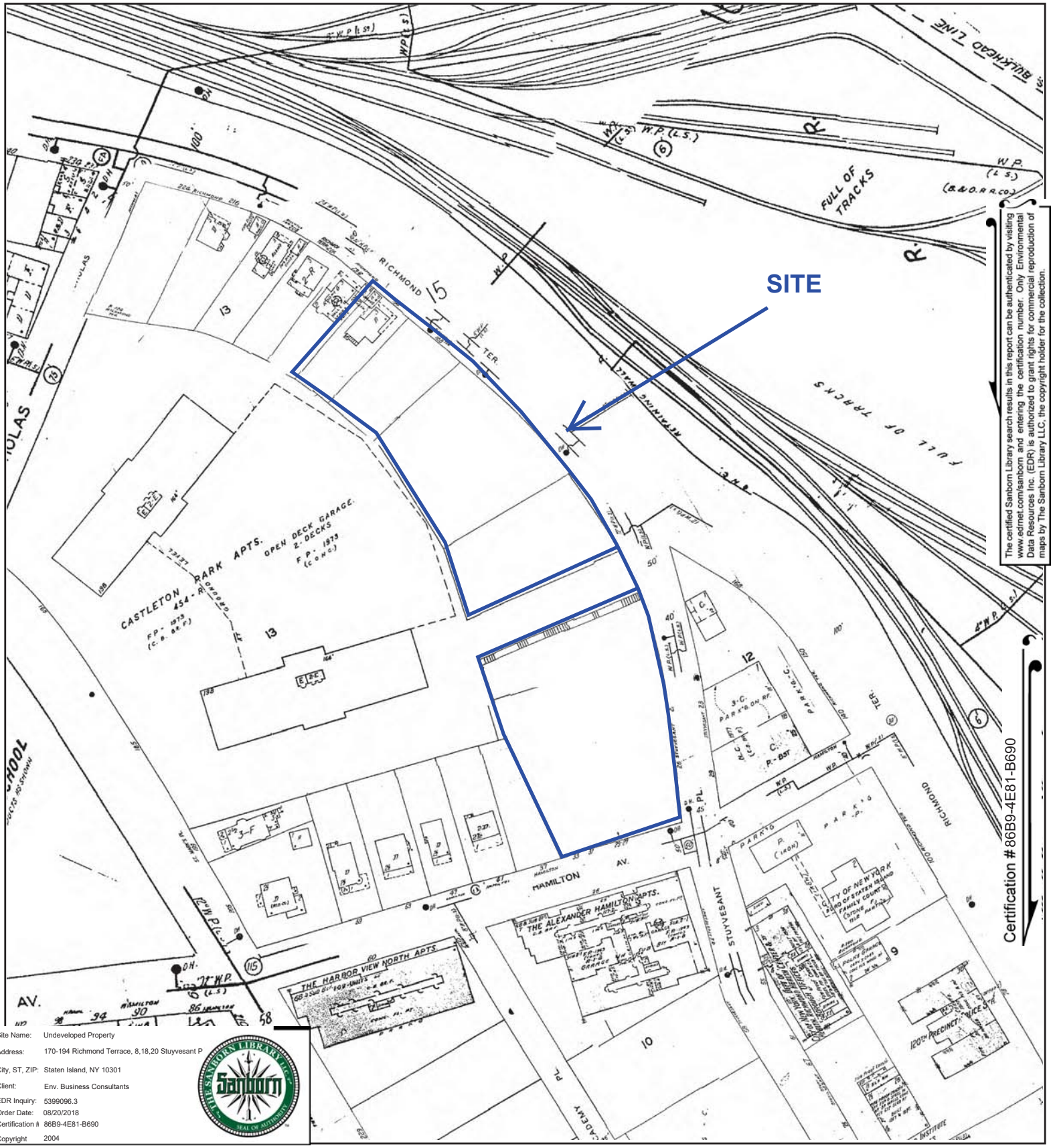

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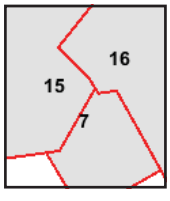

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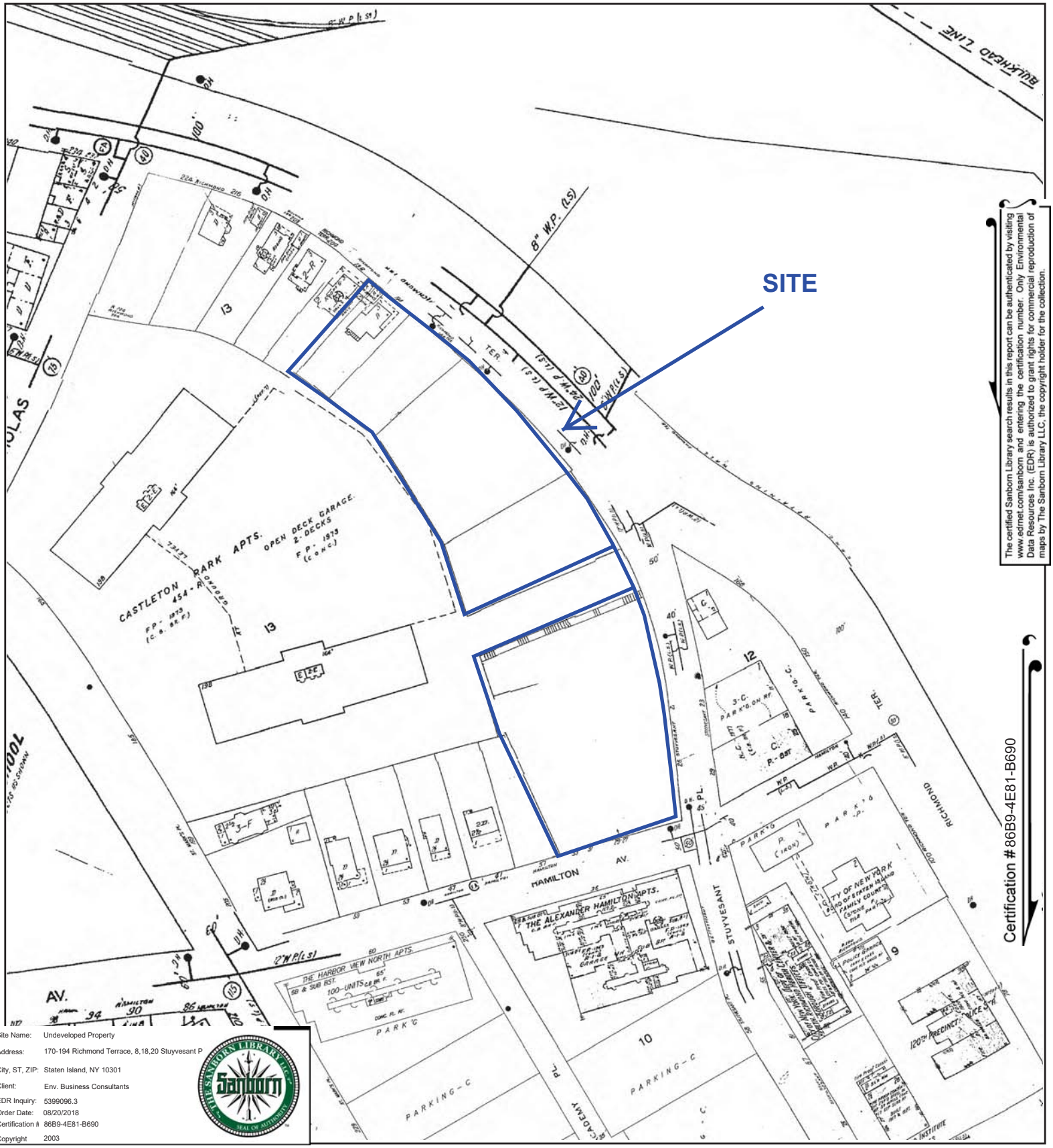

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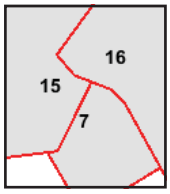

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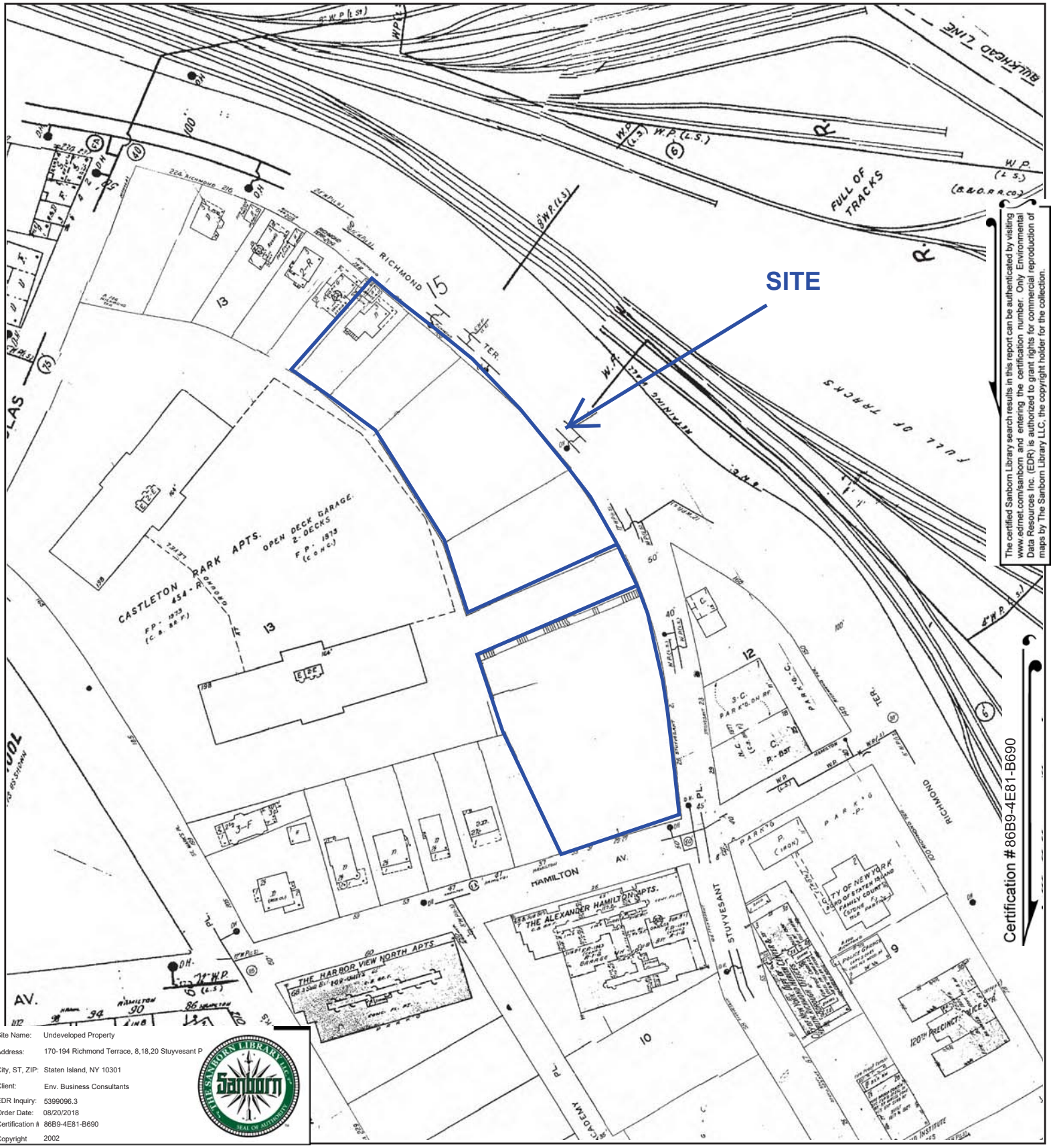

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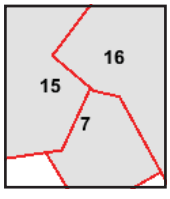

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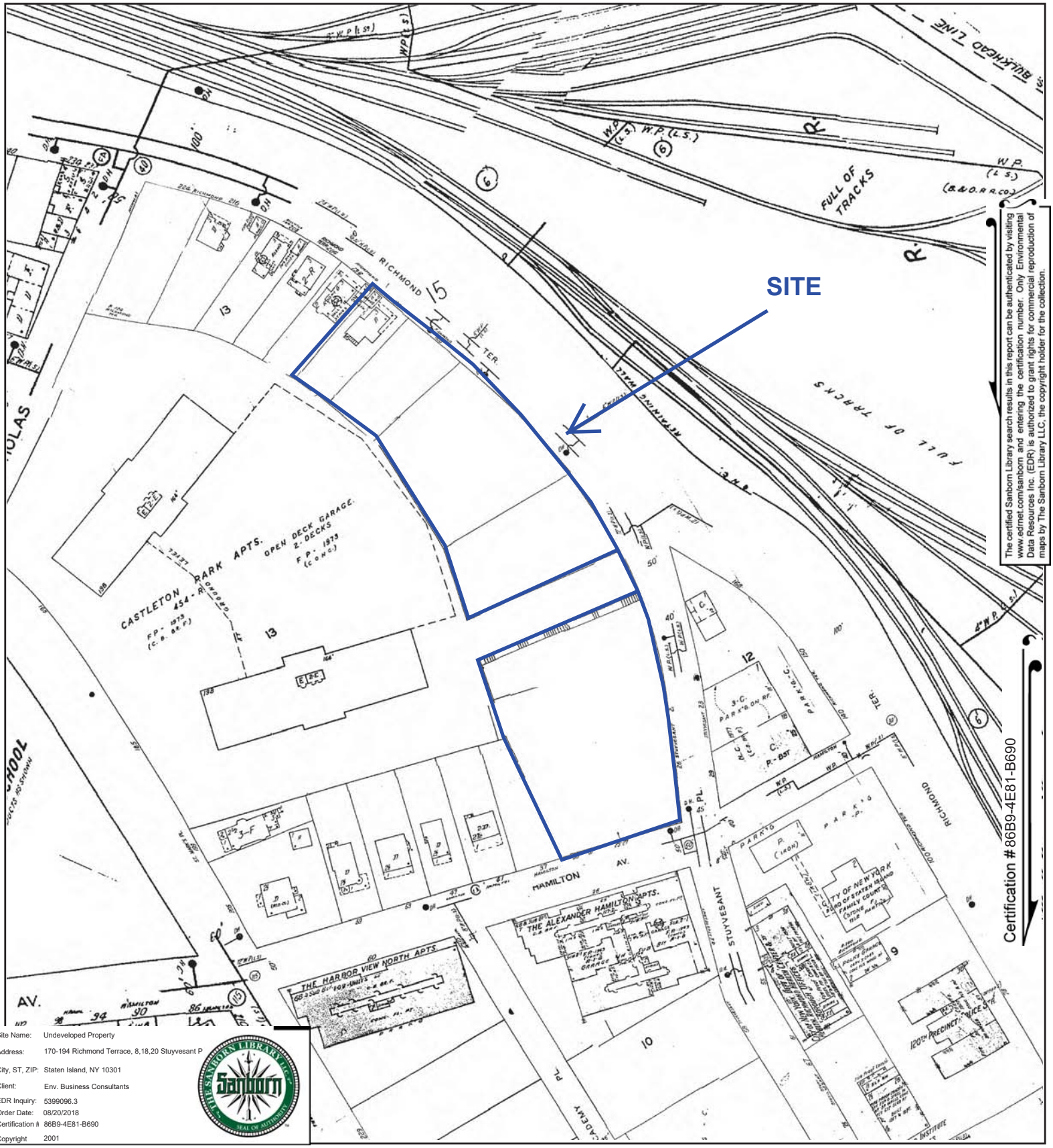

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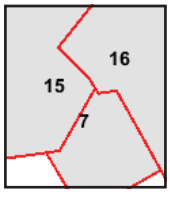

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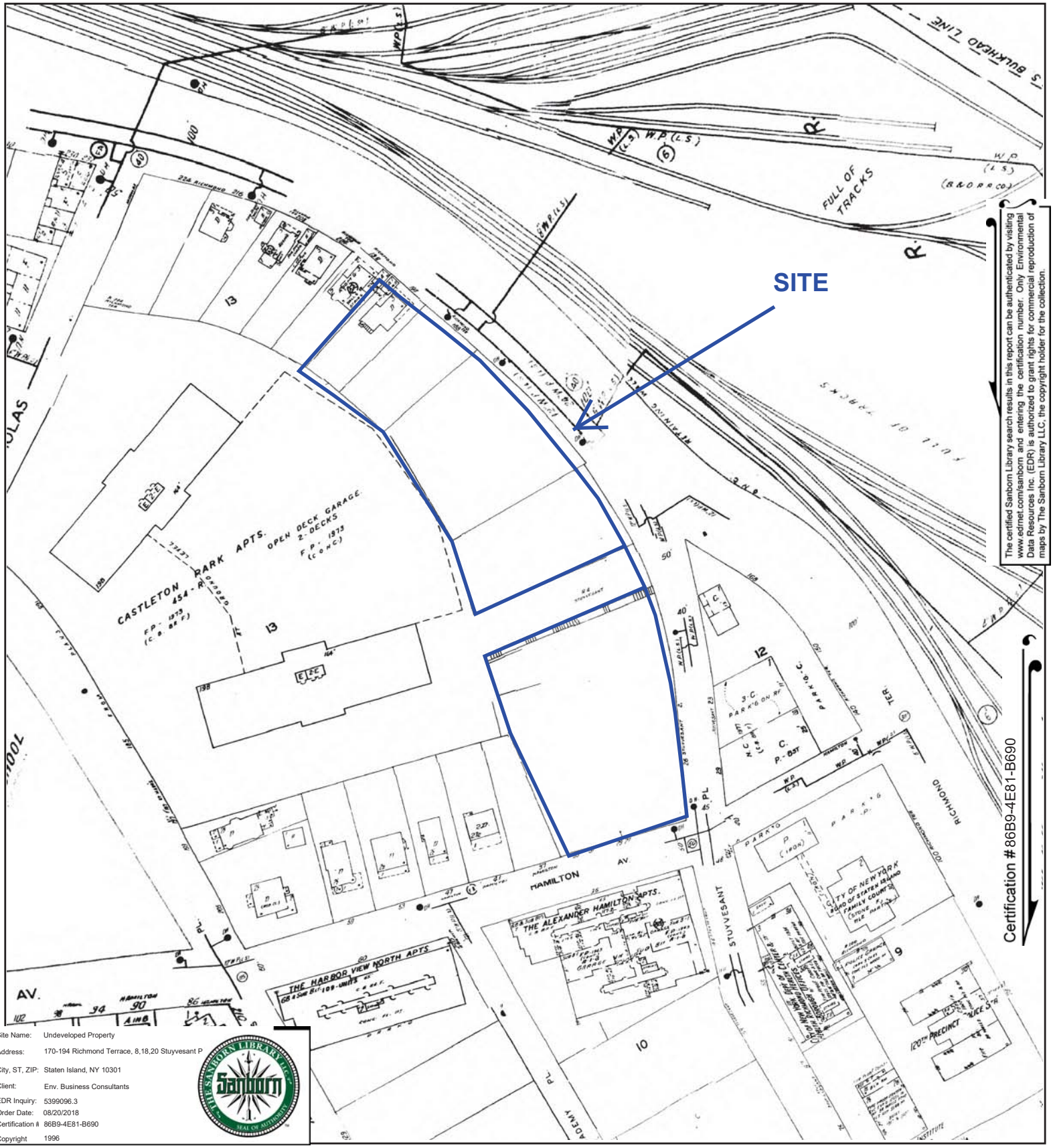

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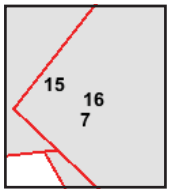

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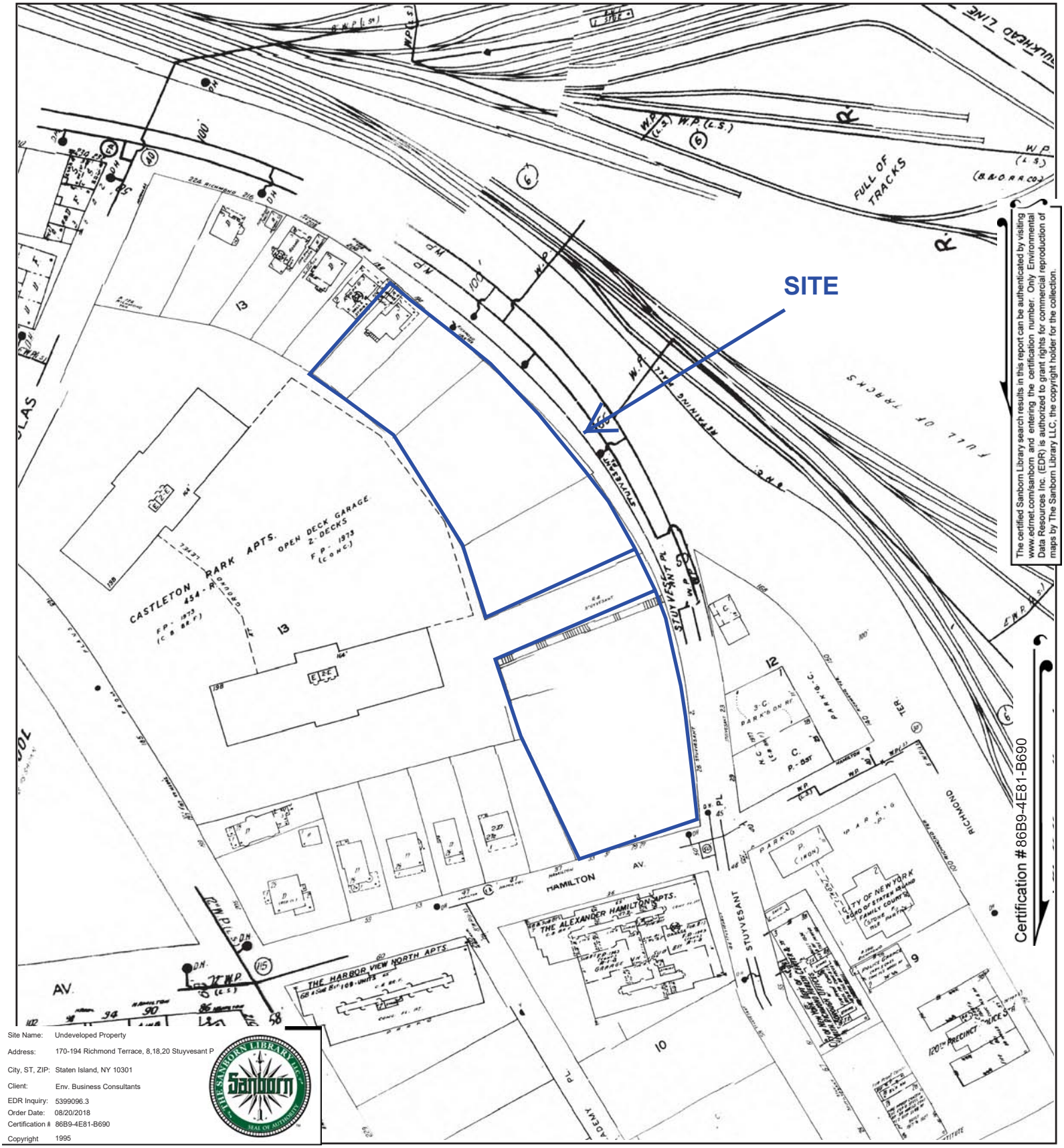

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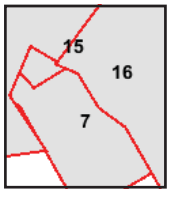

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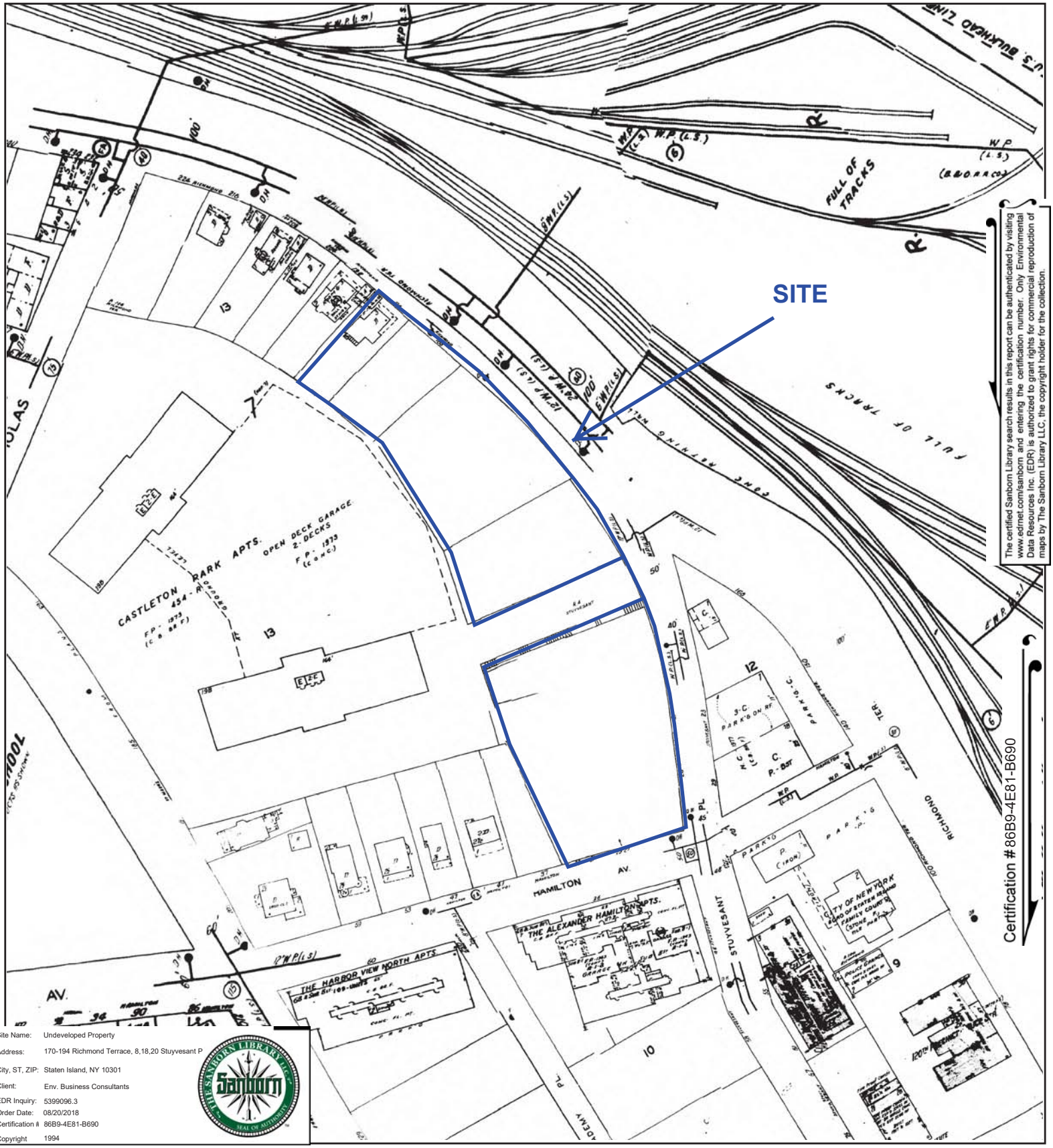

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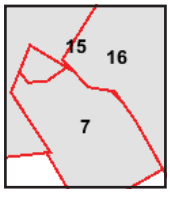

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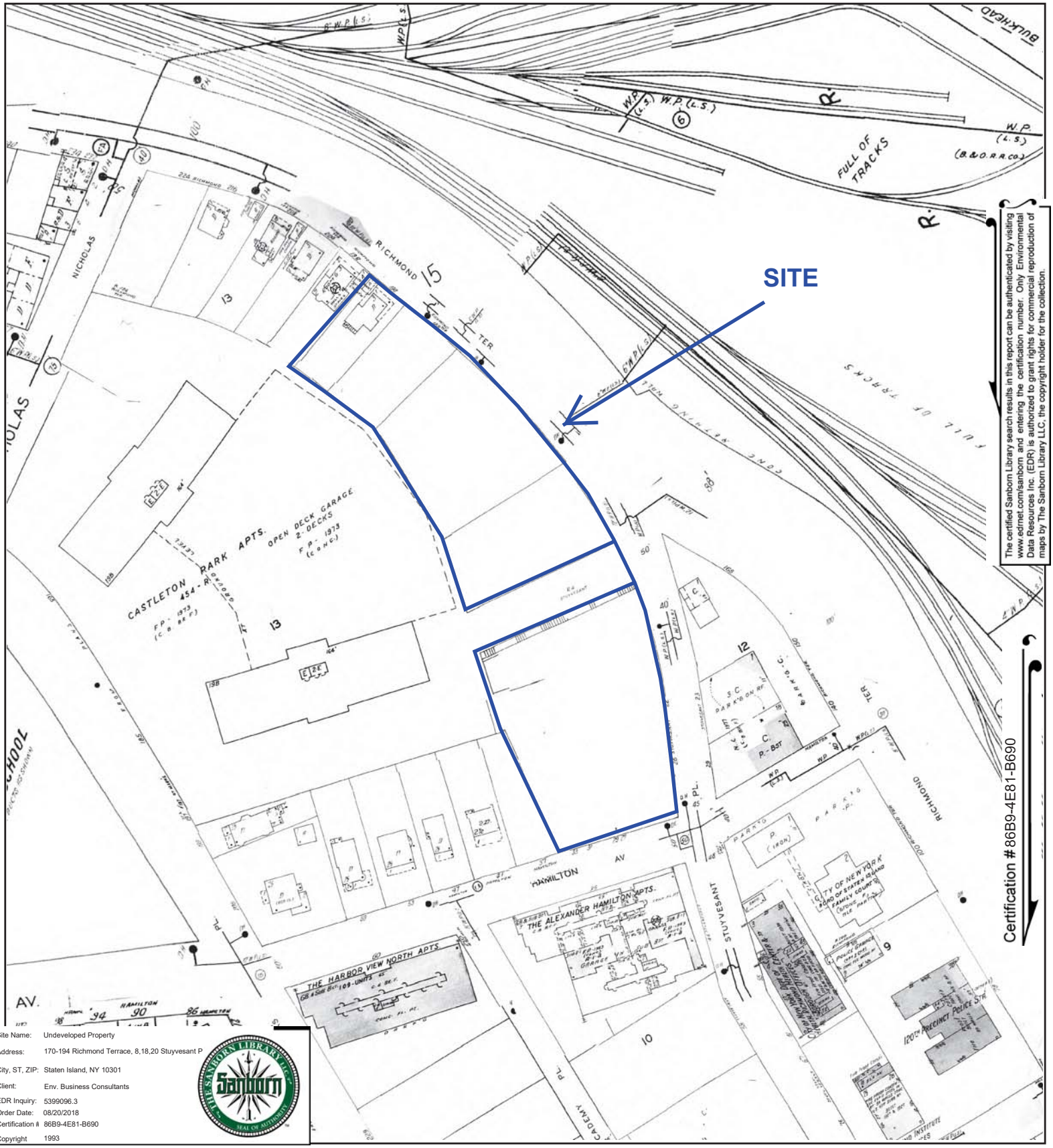

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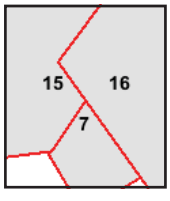

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Volume 1, Sheet 7

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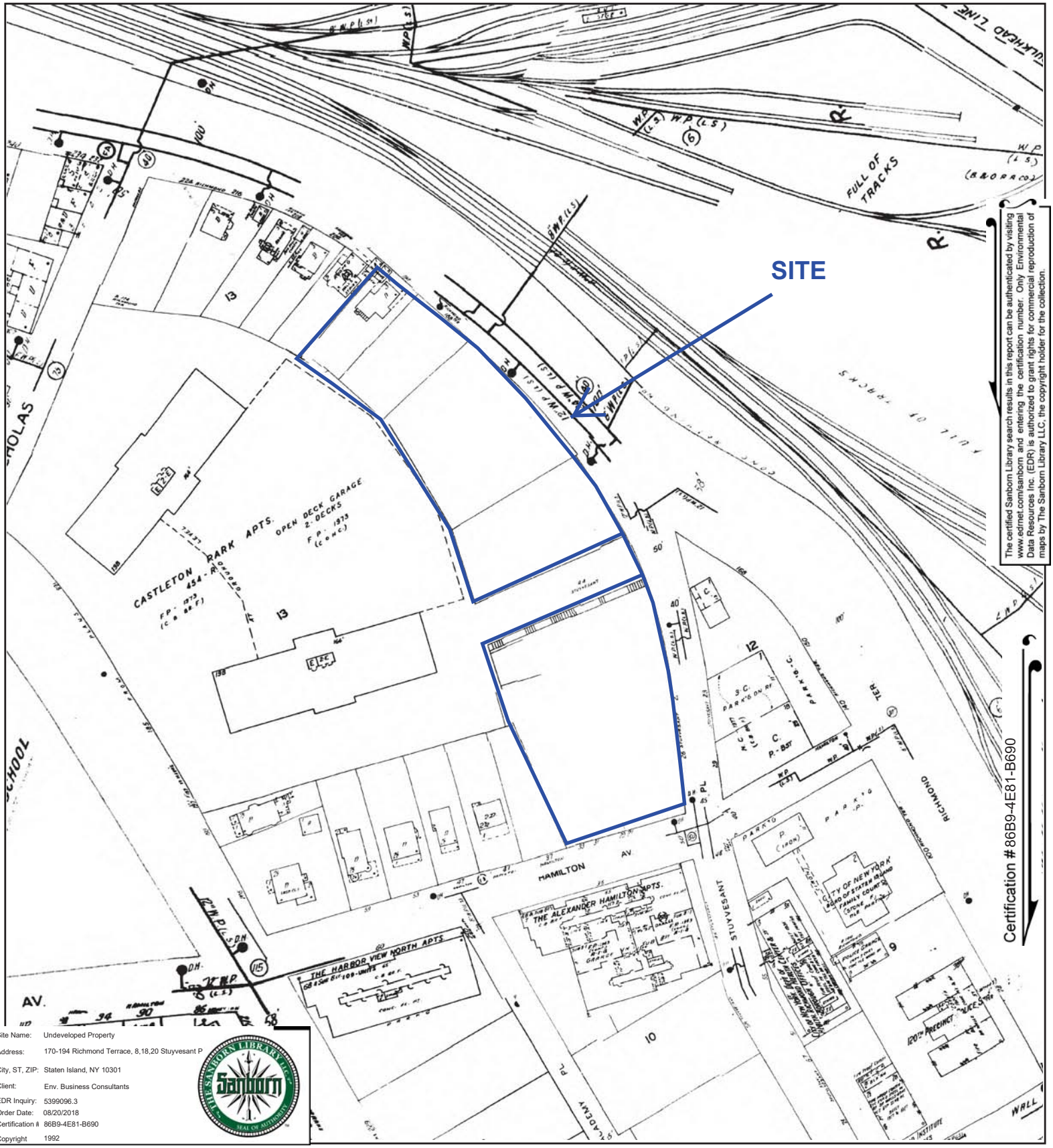

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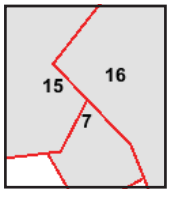

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Volume 1, Sheet 7

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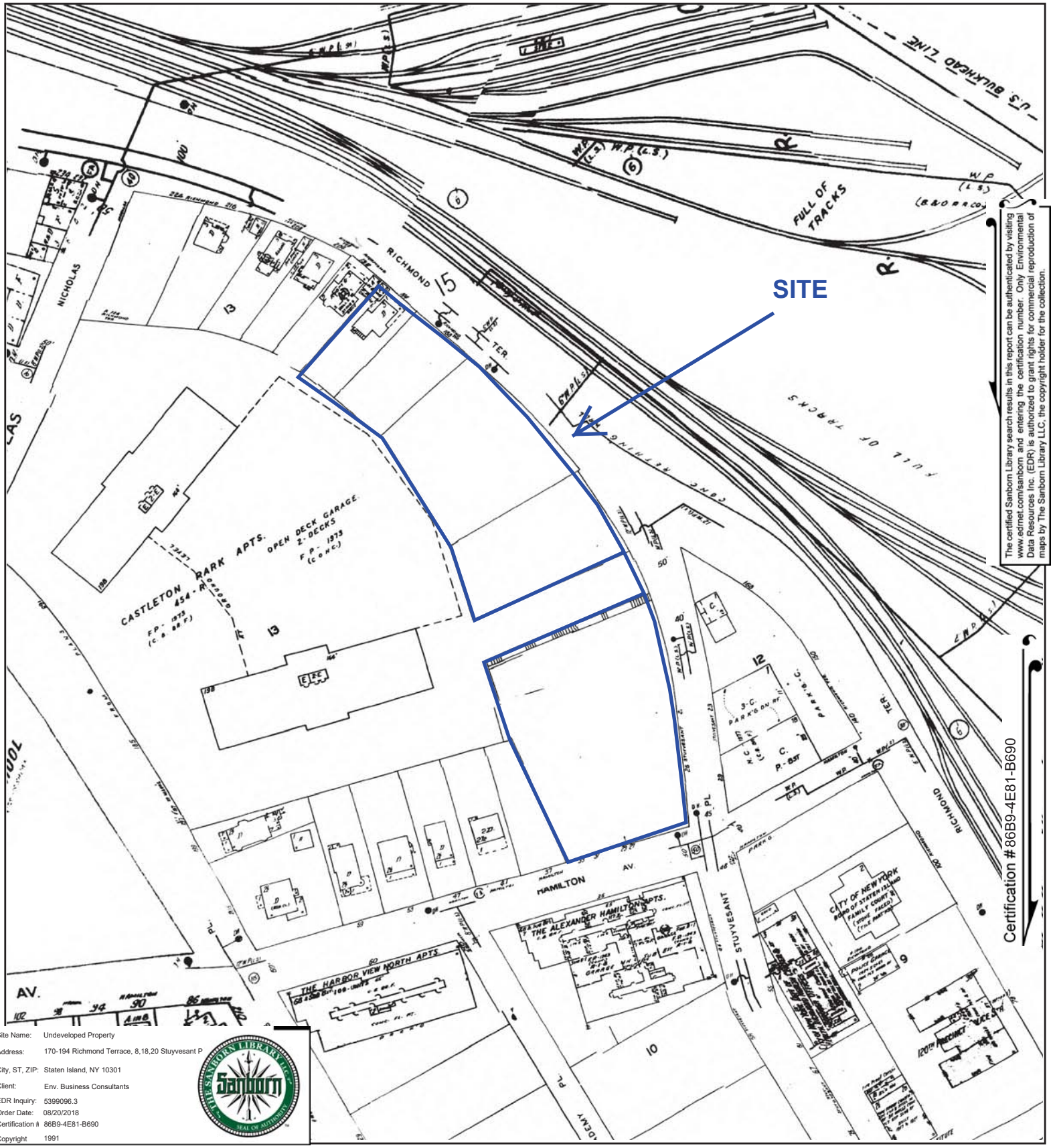

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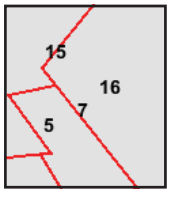

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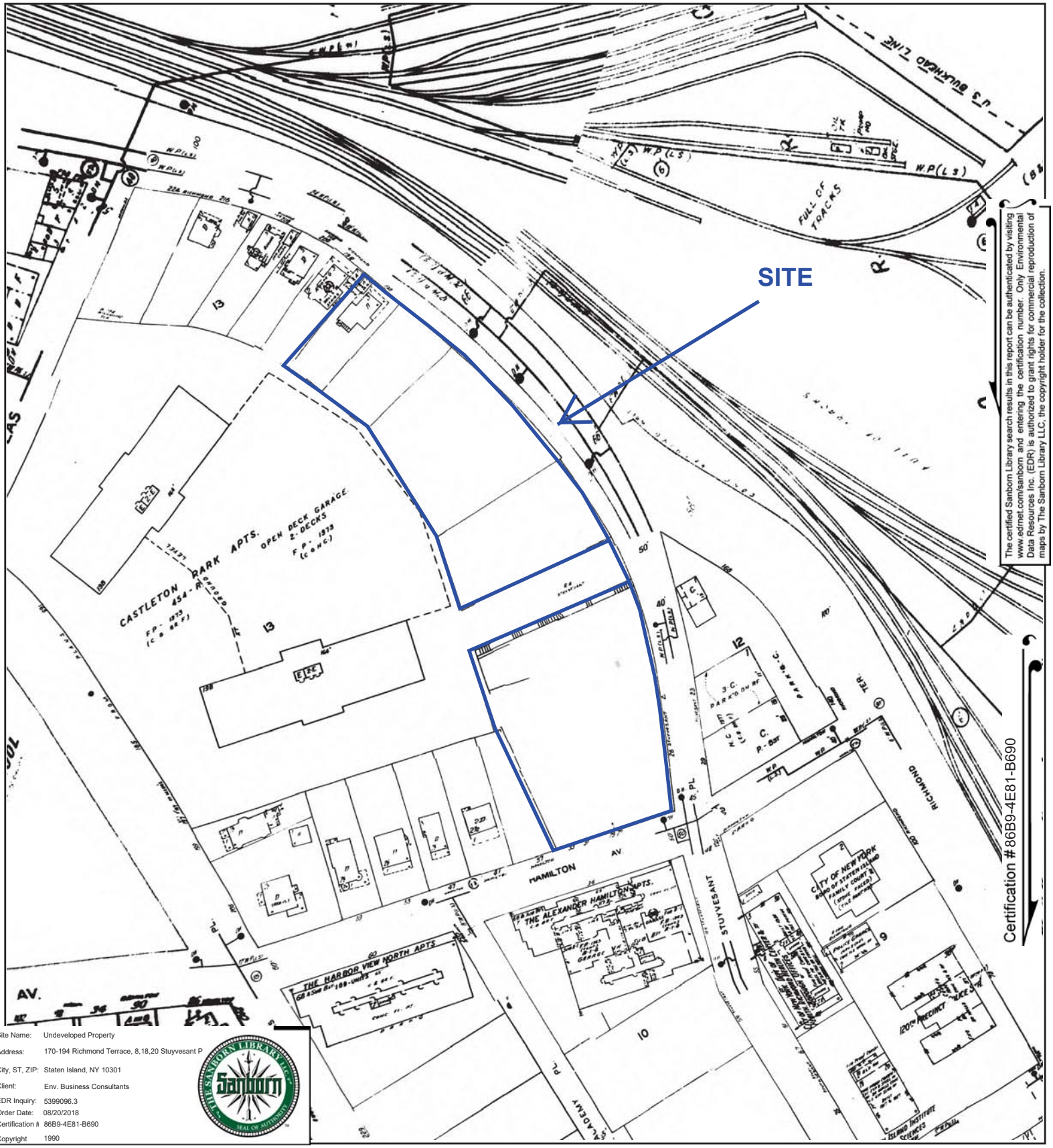

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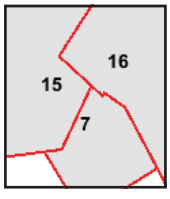

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Volume 1, Sheet 15
Volume 1, Sheet 7

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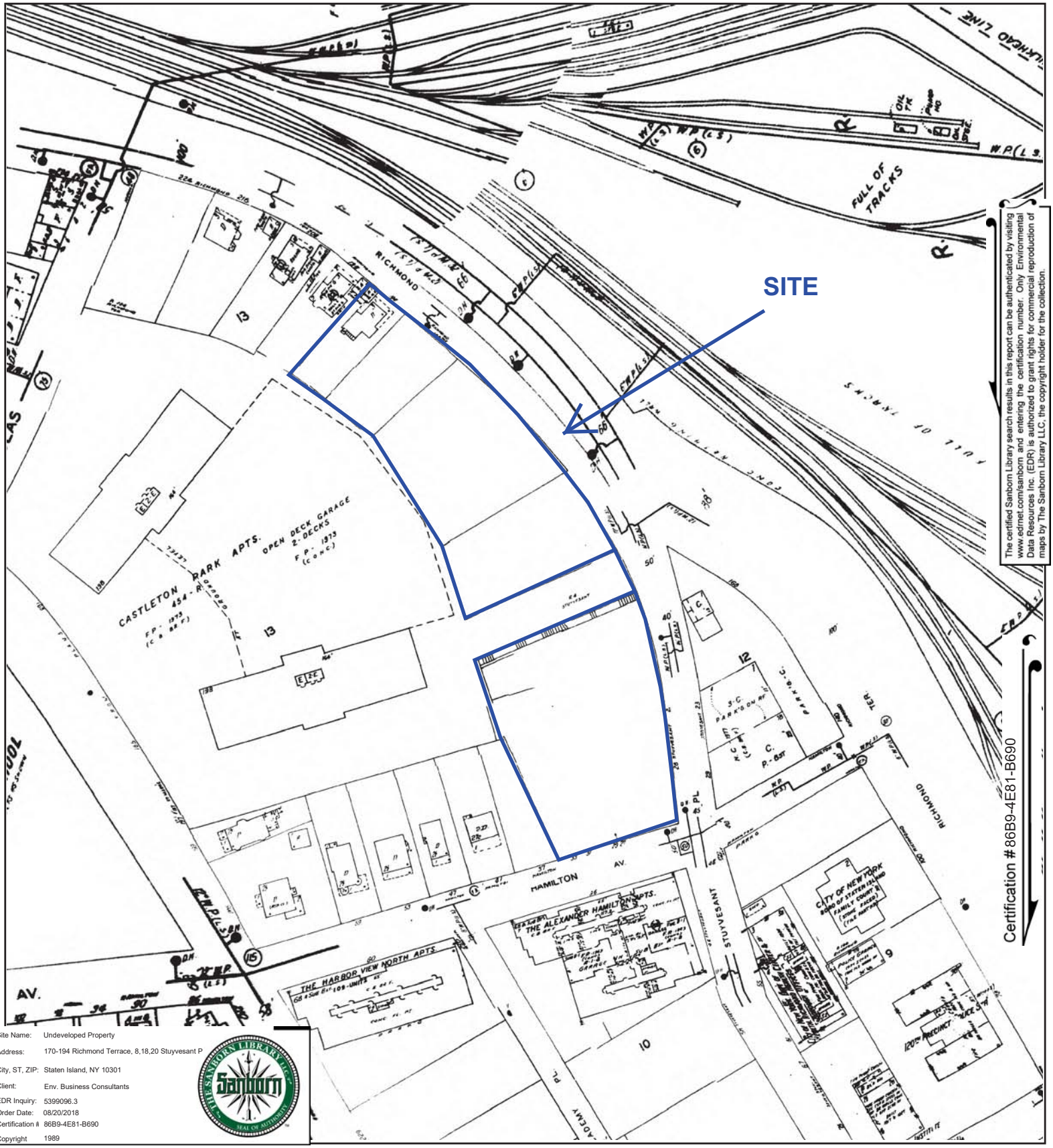

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Certification #: 86B9-4E81-B690
Copyright: 1989

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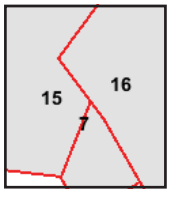

Volume 1, Sheet 16
Volume 1, Sheet 15
Volume 1, Sheet 7

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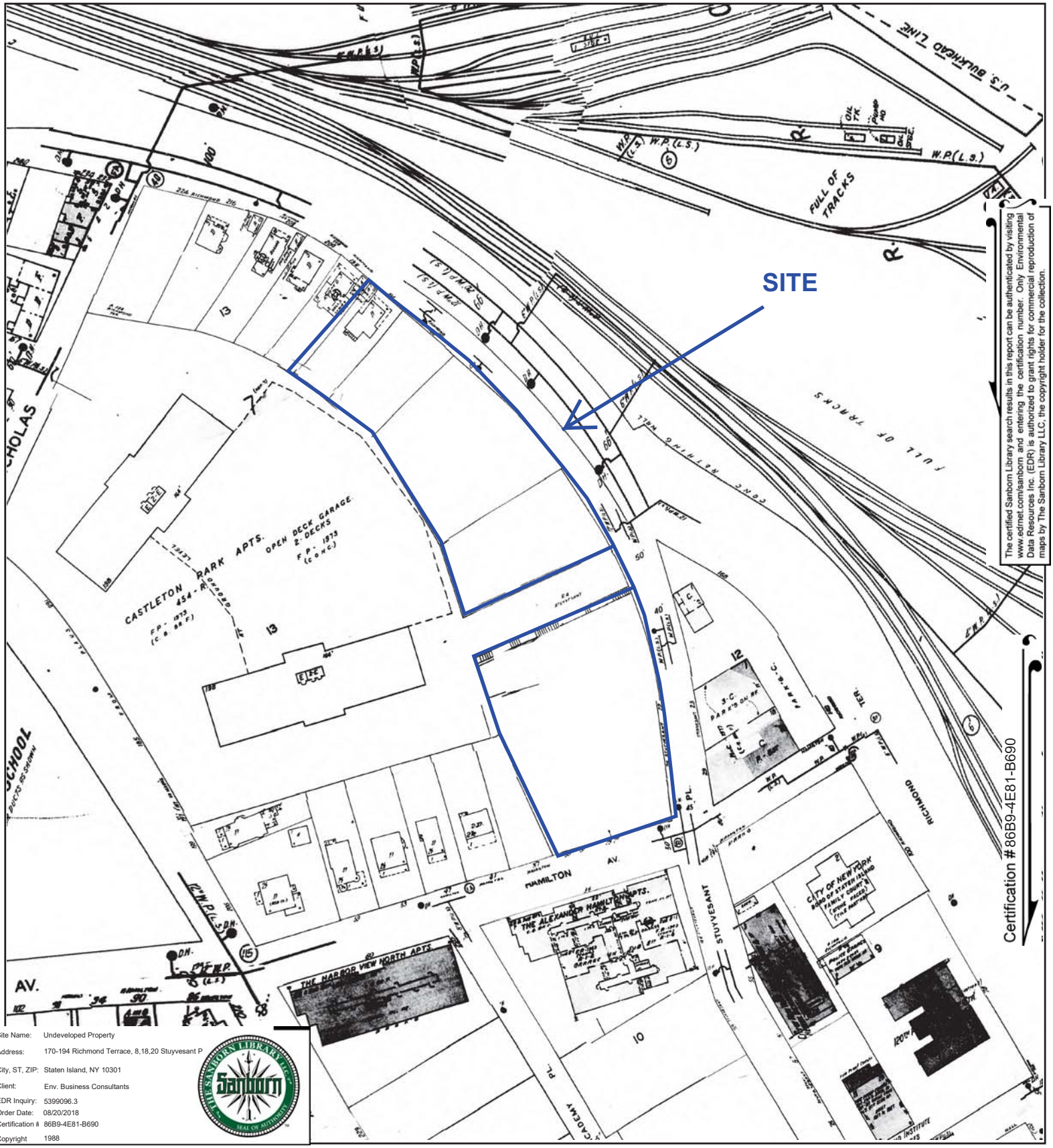

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Certification #	86B9-4E81-B690
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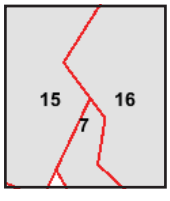

Volume 1, Sheet 16
Volume 1, Sheet 15
Volume 1, Sheet 7

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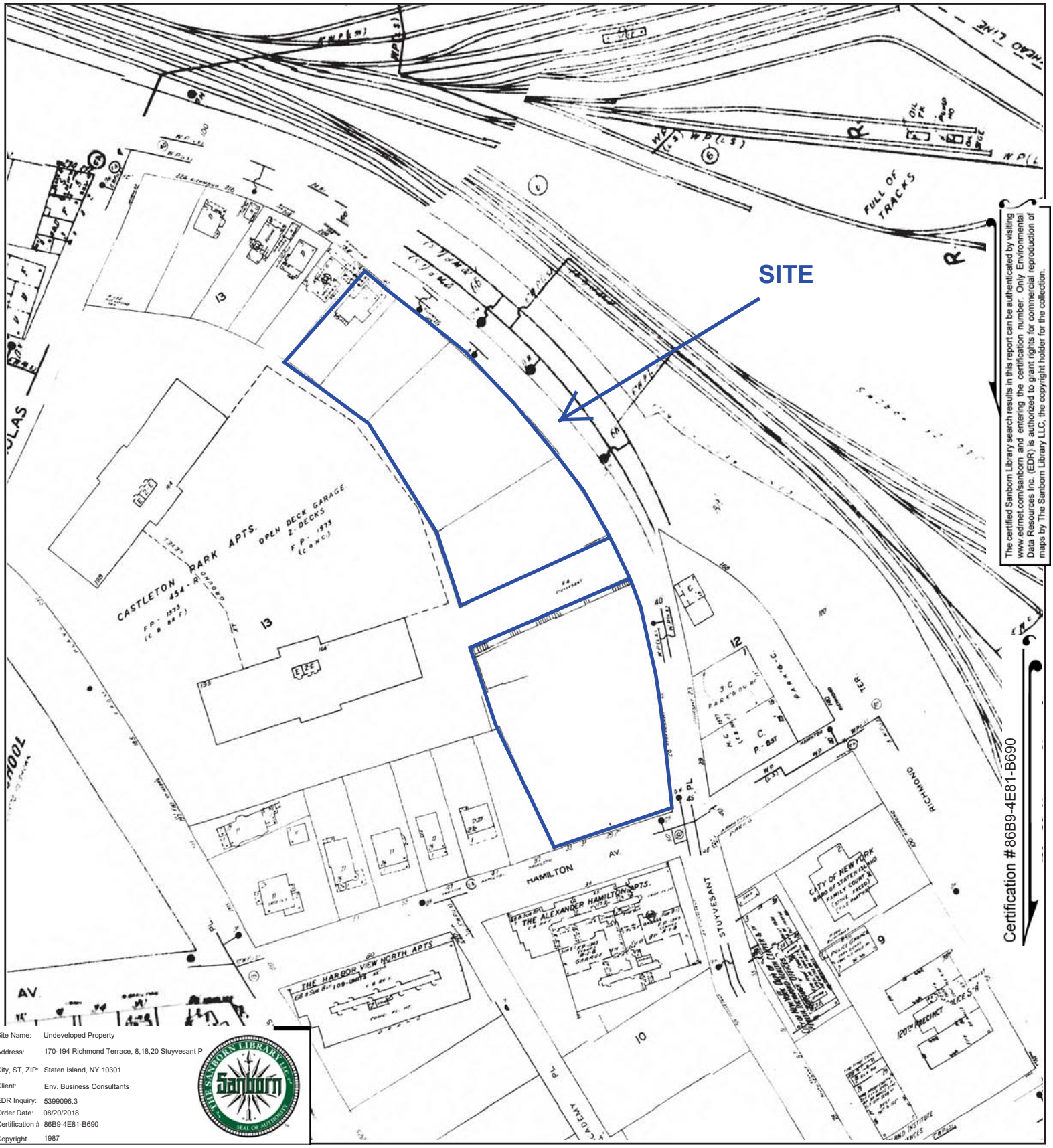

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Certification #: 86B9-4E81-B690
Copyright: 1987

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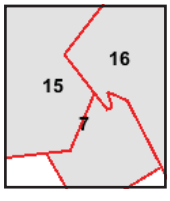

Volume 1, Sheet 16
Volume 1, Sheet 15
Volume 1, Sheet 7

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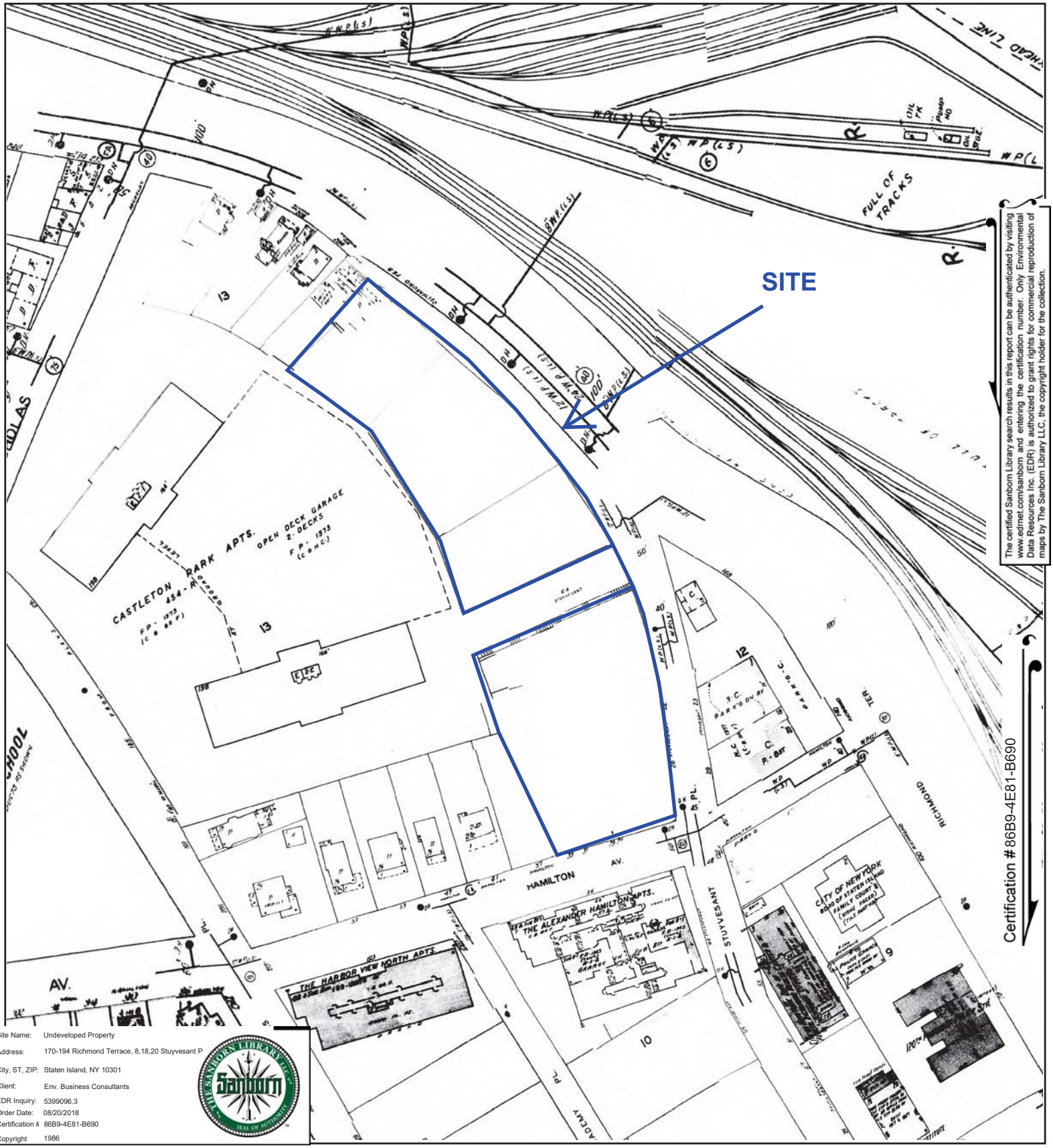

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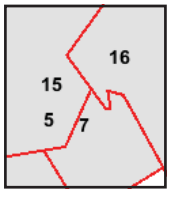

Volume 1, Sheet 16
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Volume 1, Sheet 7
Volume 1, Sheet 5

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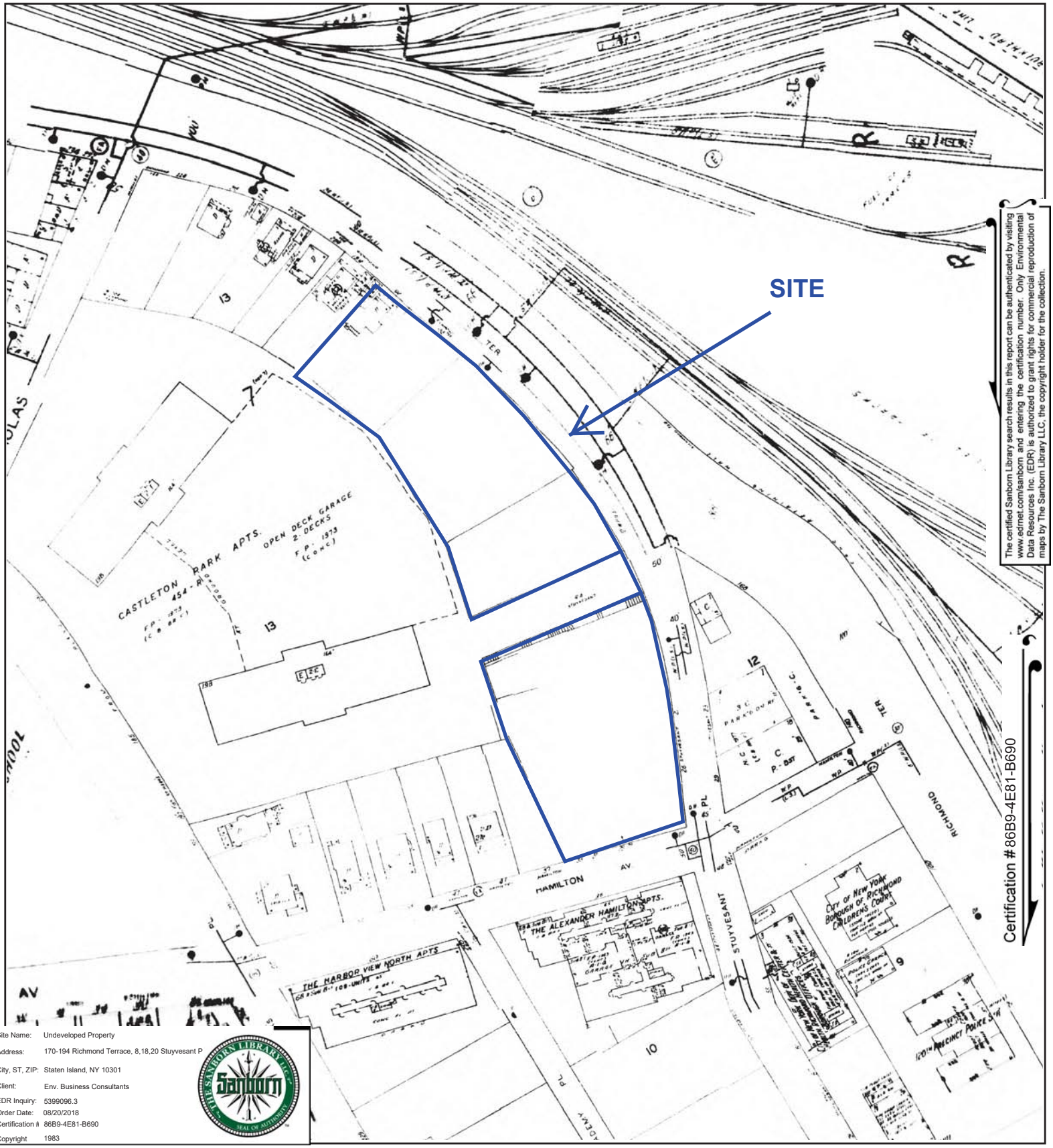

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Certification #	86B9-4E81-B690
Copyright	1983

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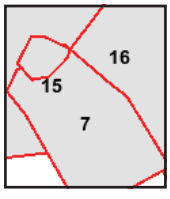

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Volume 1, Sheet 16
Volume 1, Sheet 15

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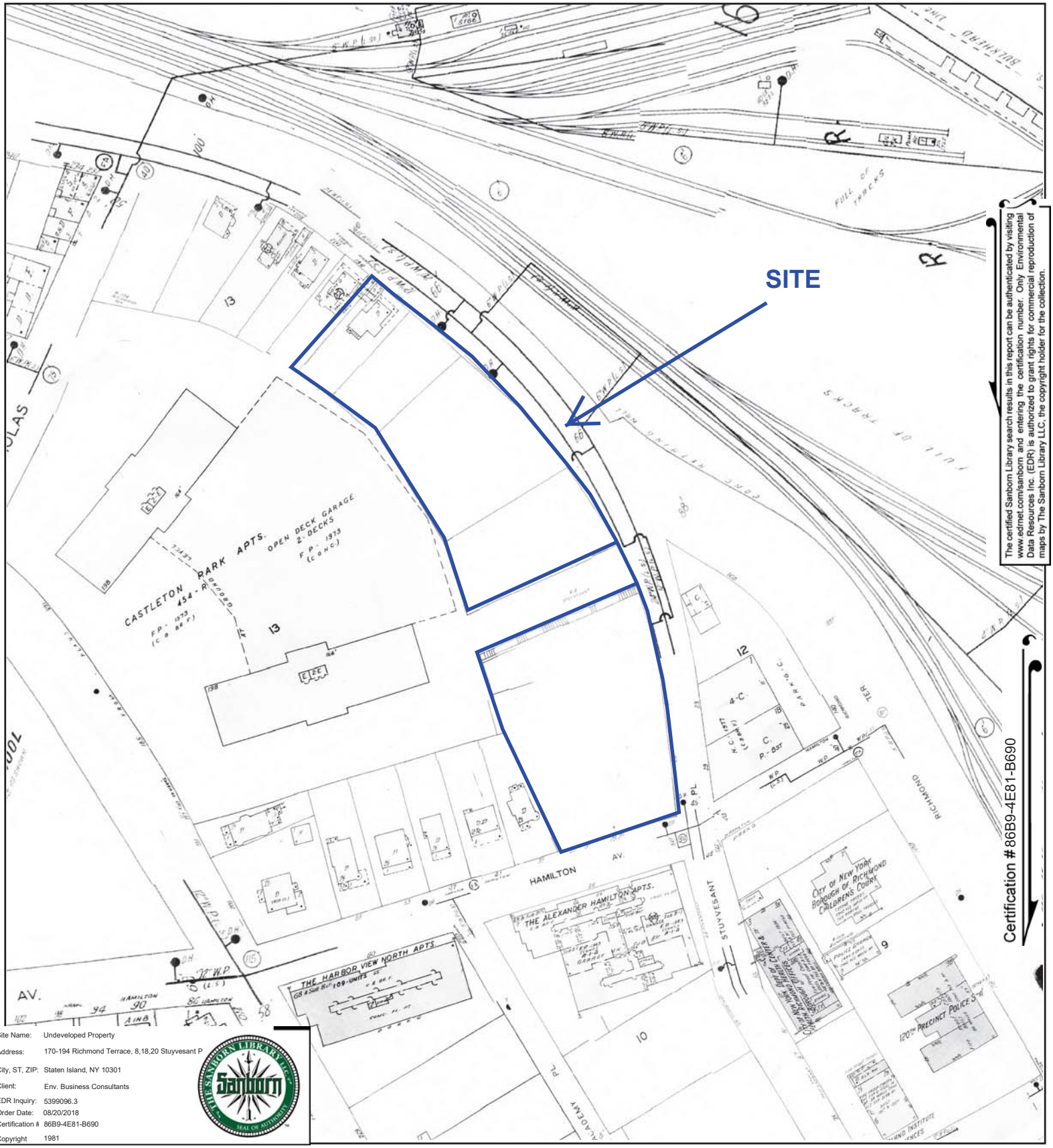

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Order Date: 08/20/2018
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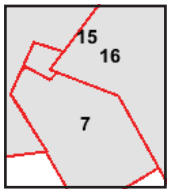

Volume 1, Sheet 16
Volume 1, Sheet 15
Volume 1, Sheet 7

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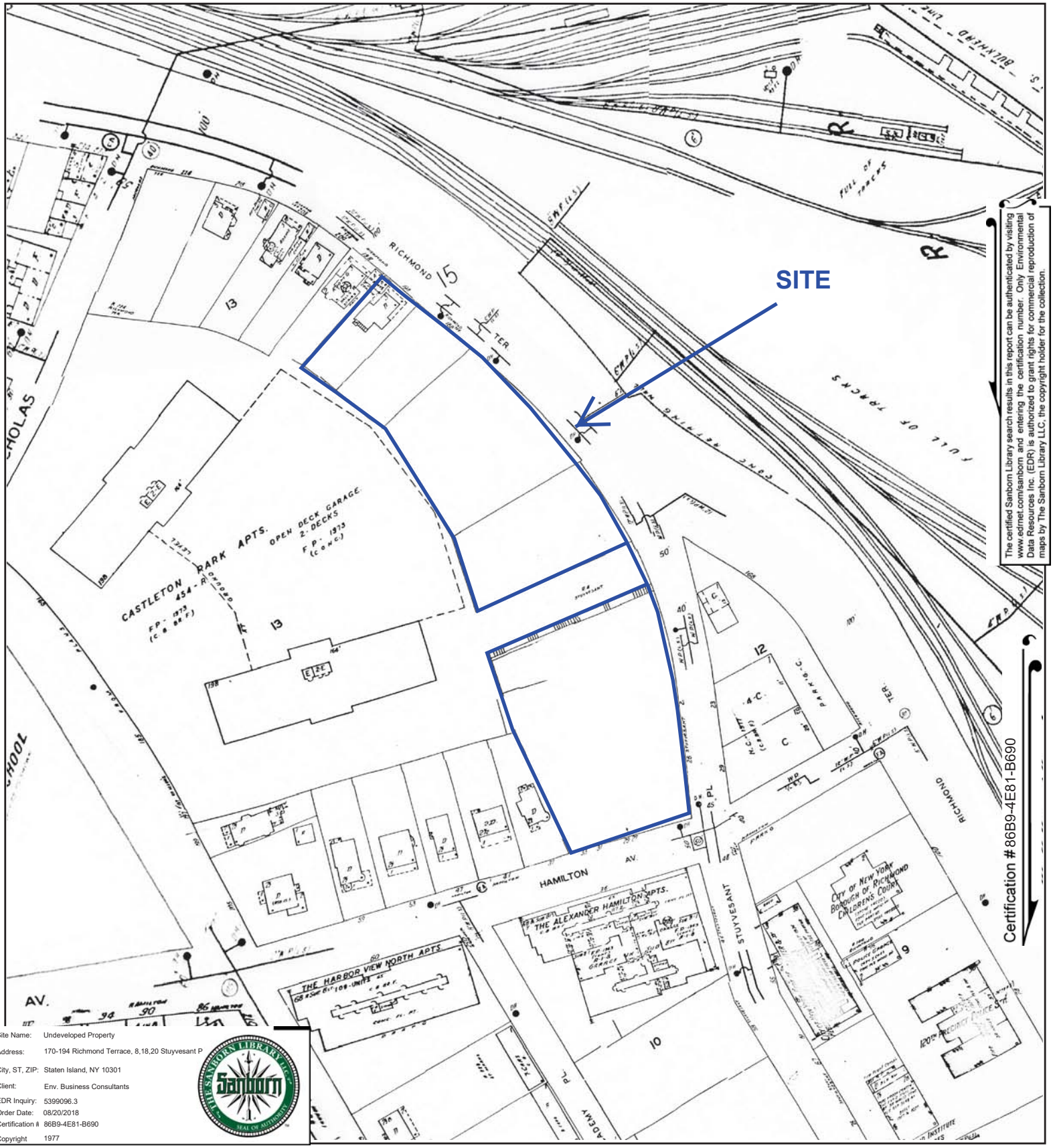

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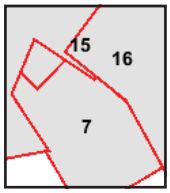

Volume 1, Sheet 16
Volume 1, Sheet 15
Volume 1, Sheet 7

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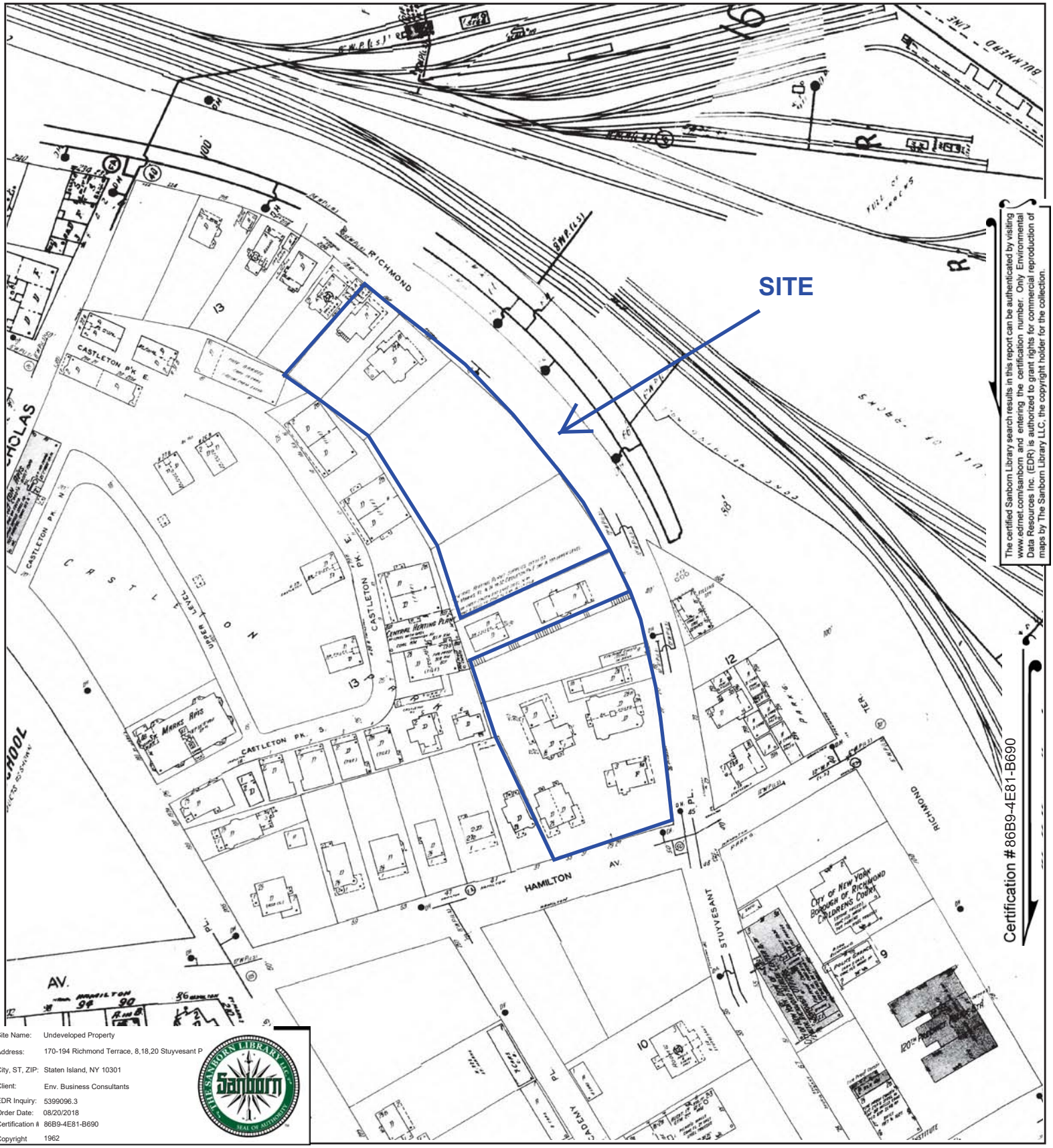

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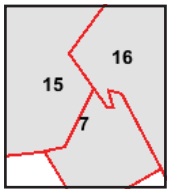

Volume 1, Sheet 16
Volume 1, Sheet 15
Volume 1, Sheet 7

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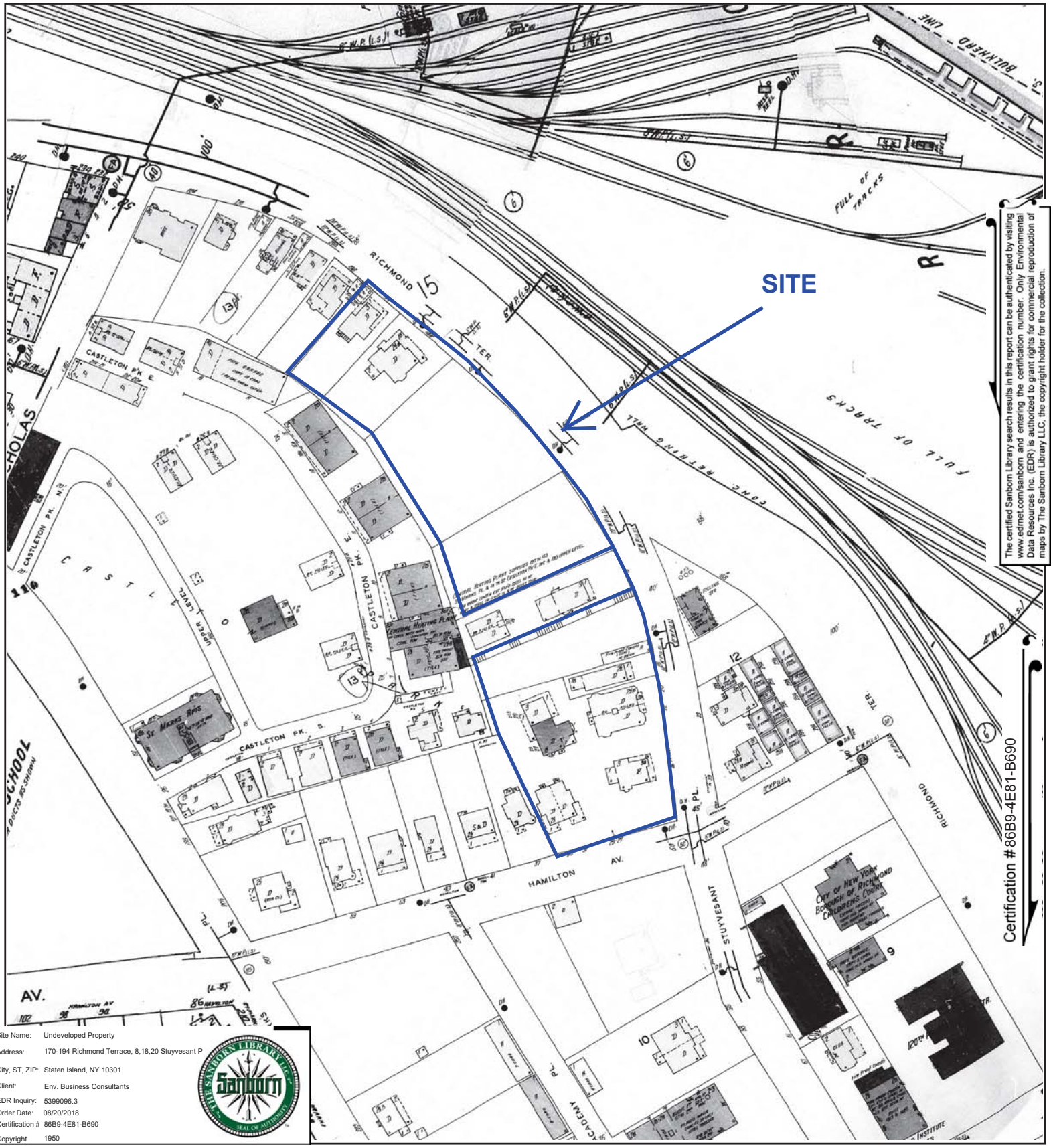

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Copyright: 1950

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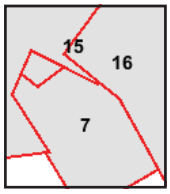

Volume 1, Sheet 16
Volume 1, Sheet 15
Volume 1, Sheet 7

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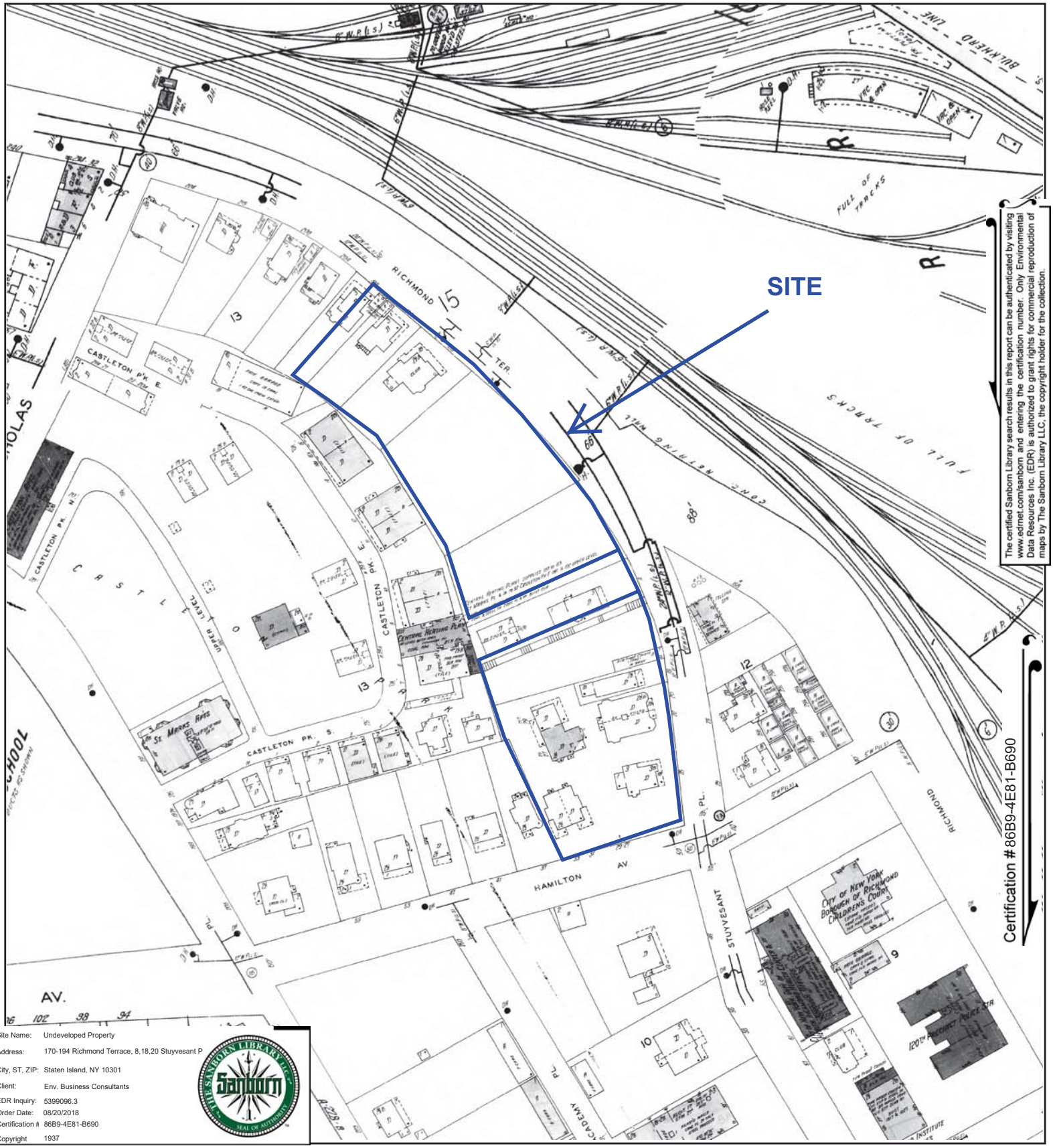

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Certification #	86B9-4E81-B690
Copyright	1937

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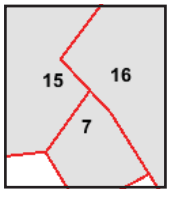

Volume 1, Sheet 16
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Volume 1, Sheet 7

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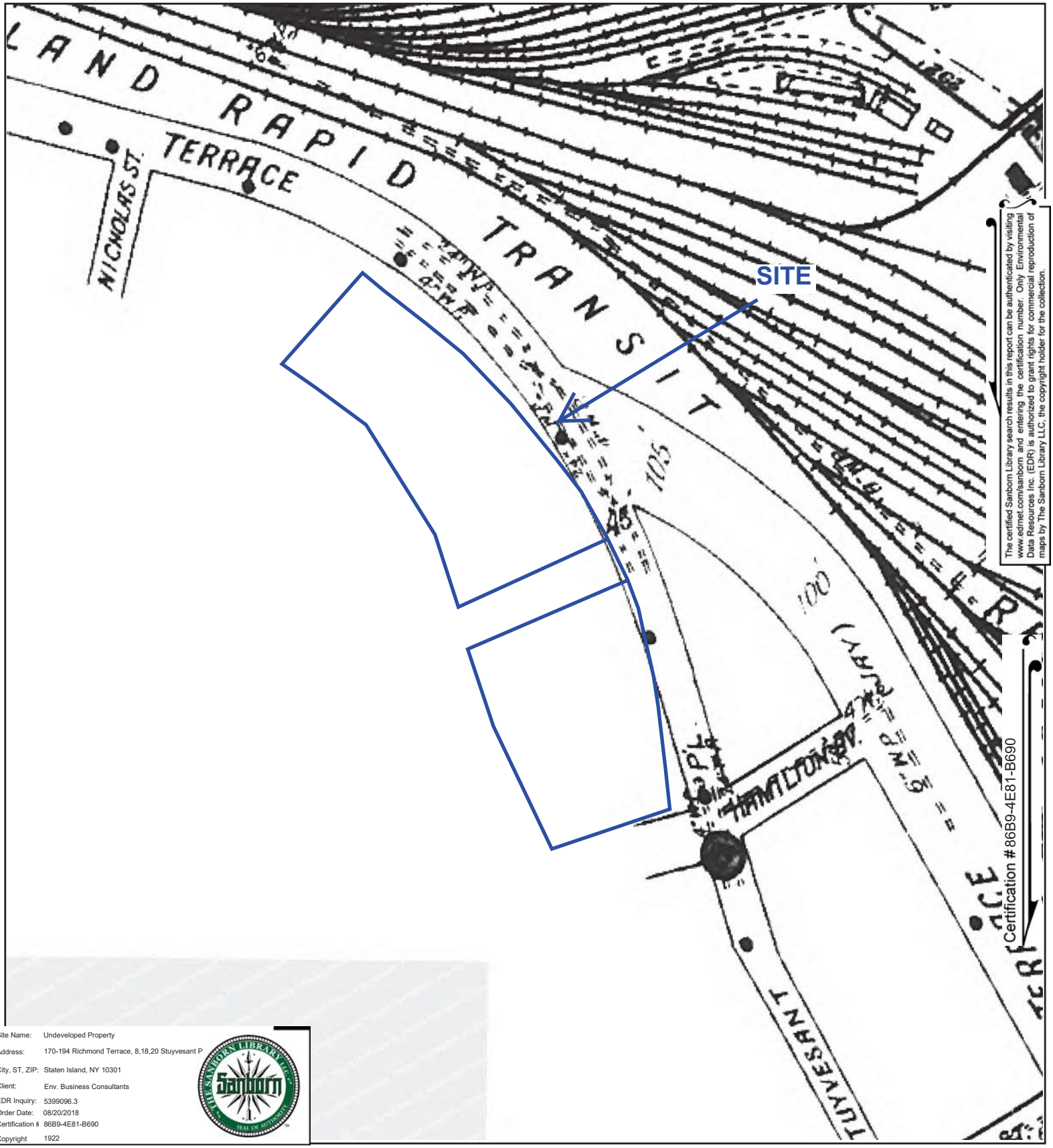

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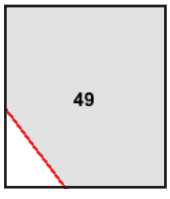

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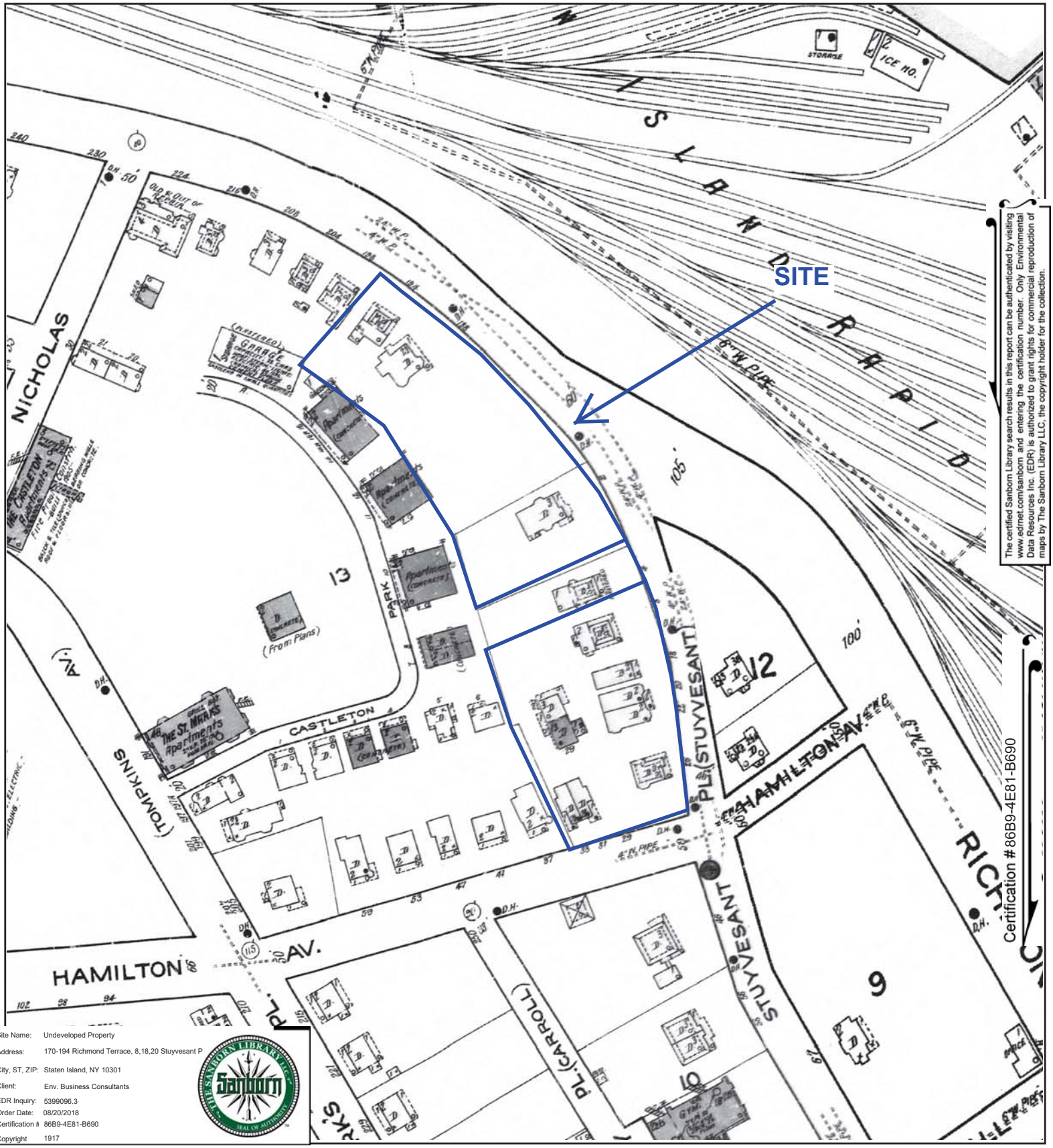

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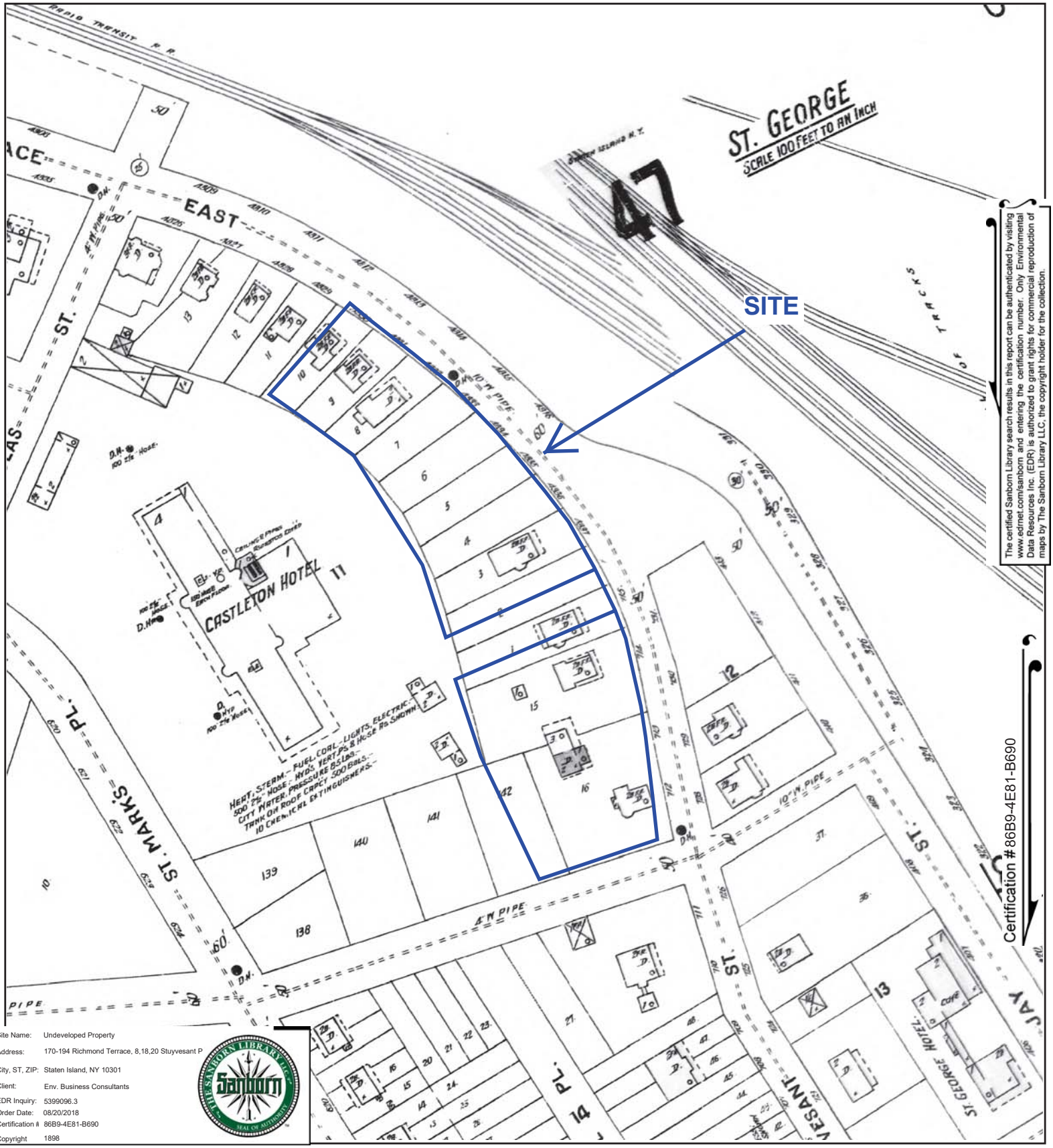

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Copyright	1898

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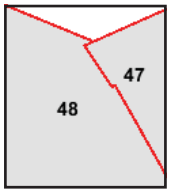

Volume 1, Sheet 47
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Inquiry Number: 5399096.8

August 21, 2018

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08/21/18

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EDR Inquiry # 5399096.8

Client Name:

Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961
Contact: Keith Butler

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Search Results:

Year	Scale	Details	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1995	1"=500'	Acquisition Date: March 29, 1995	USGS/DOQQ
1985	1"=500'	Flight Date: March 16, 1985	USGS
1981	1"=500'	Flight Date: September 09, 1981	NOAA
1976	1"=500'	Flight Date: October 29, 1976	USGS
1974	1"=500'	Flight Date: March 25, 1974	EDR Proprietary Aerial Viewpoint
1966	1"=500'	Flight Date: February 23, 1966	USGS
1961	1"=500'	Flight Date: April 12, 1961	EDR Proprietary Aerial Viewpoint
1954	1"=500'	Flight Date: February 27, 1954	USGS
1951	1"=500'	Flight Date: April 07, 1951	EDR Proprietary Aerial Viewpoint
1943	1"=500'	Flight Date: December 23, 1943	USC&GS
1940	1"=500'	Flight Date: April 06, 1940	EDR Proprietary Aerial Viewpoint
1924	1"=500'	Flight Date: July 01, 1924	NYPL

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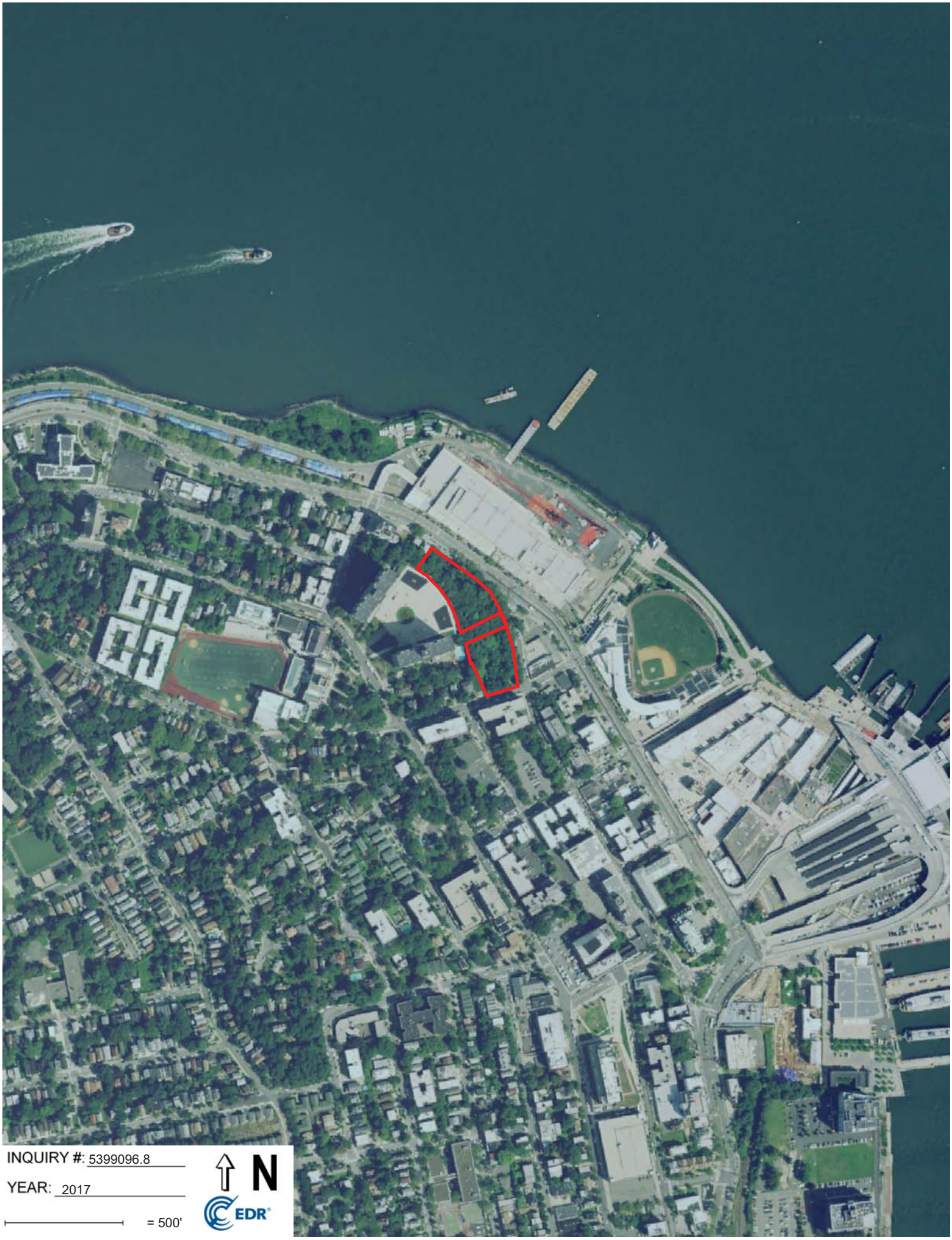
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YEAR: 2017
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EDR

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EDR

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YEAR: 2010

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EDR

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YEAR: 2006

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EDR

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YEAR: 1995

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EDR

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YEAR: 1985

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EDR

SITE
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YEAR: 1981
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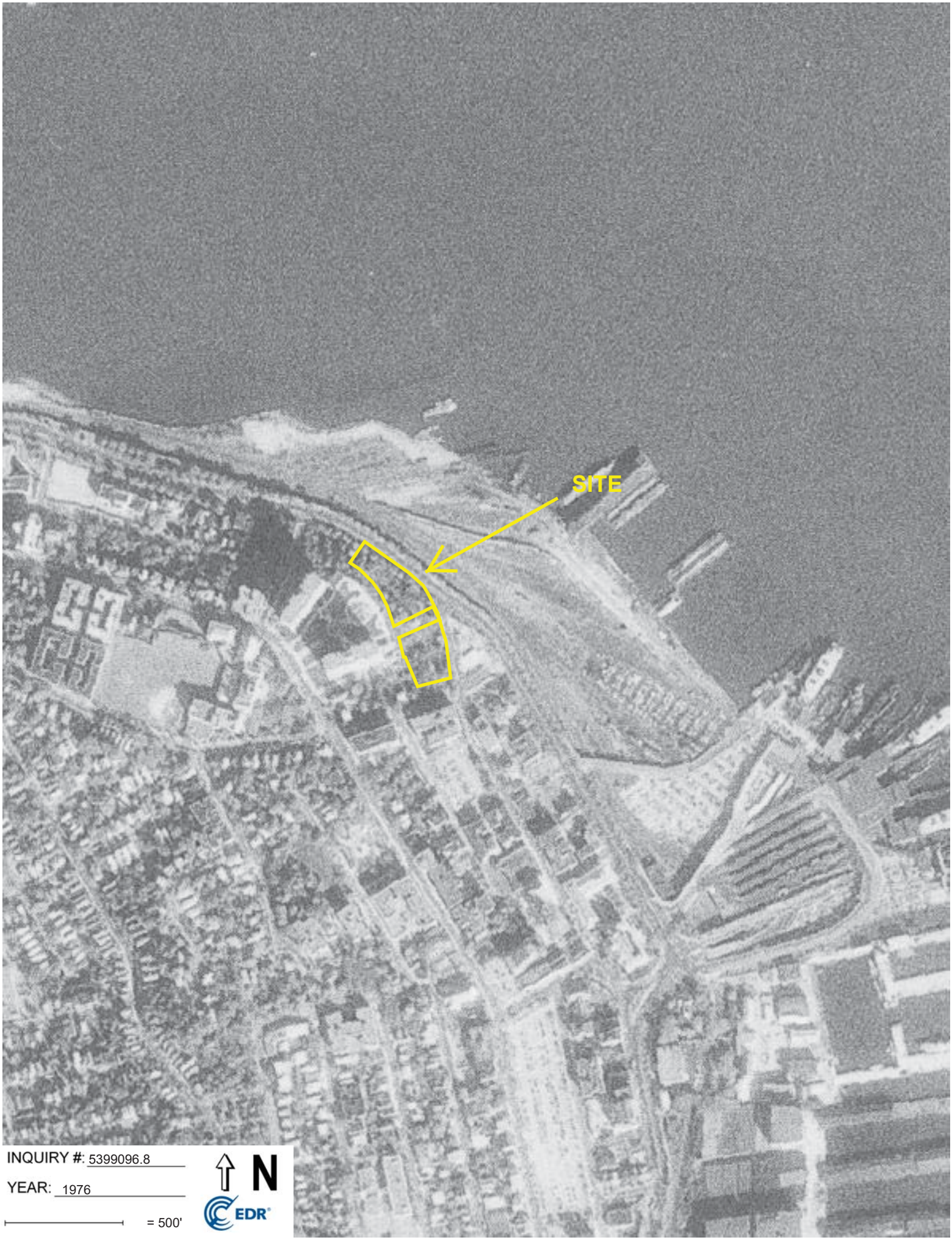
N
EDR



INQUIRY #: 5399096.8

YEAR: 1976

= 500'

N

EDR

INQUIRY #: 5399096.8

YEAR: 1974

= 500'

N

EDR

INQUIRY #: 5399096.8

YEAR: 1966

= 500'

N

EDR

INQUIRY #: 5399096.8

YEAR: 1961

= 500'

N

EDR

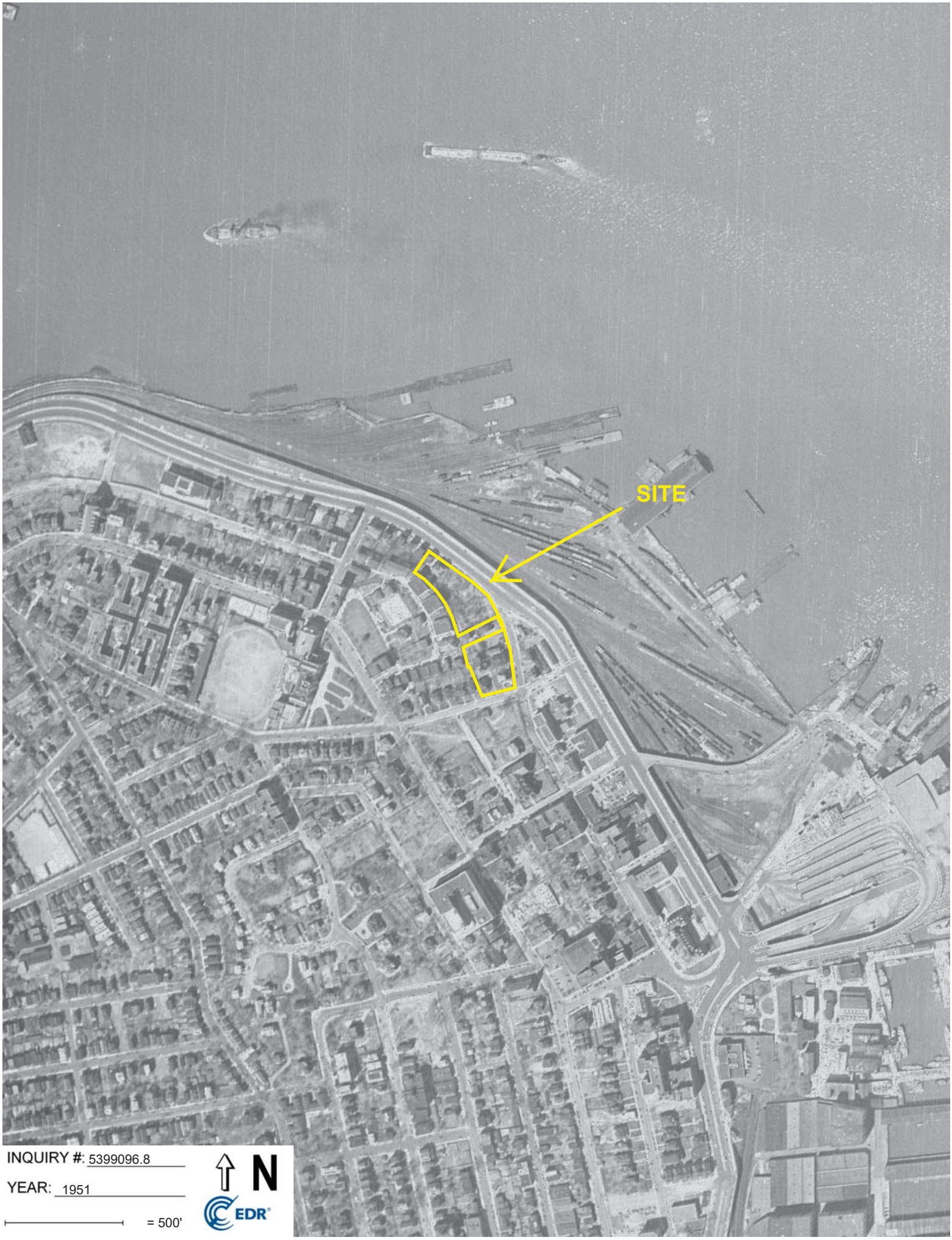
INQUIRY #: 5399096.8

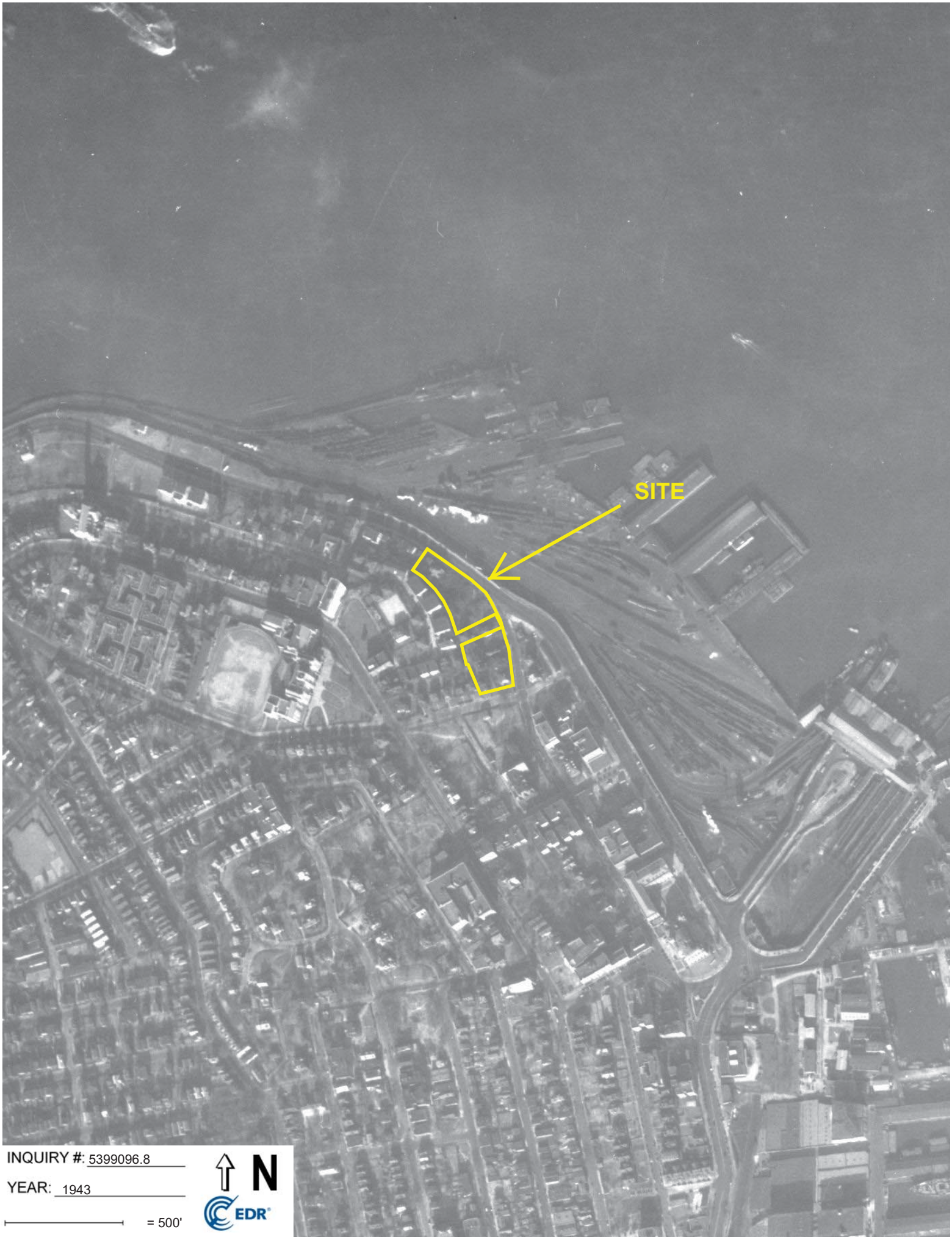
YEAR: 1954

= 500'

N

EDR


SITE
INQUIRY #: 5399096.8
YEAR: 1951
= 500'
N
EDR



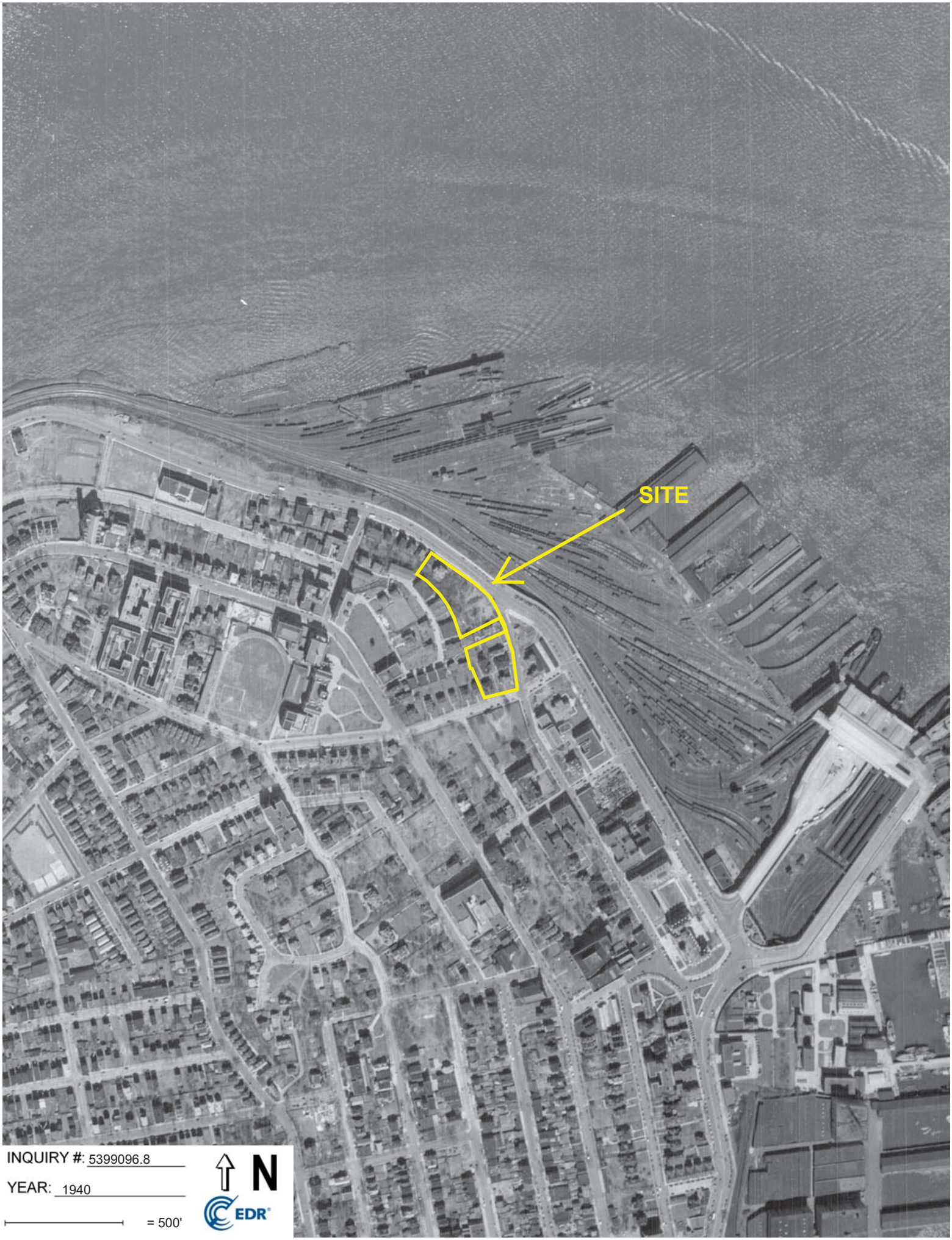
INQUIRY #: 5399096.8

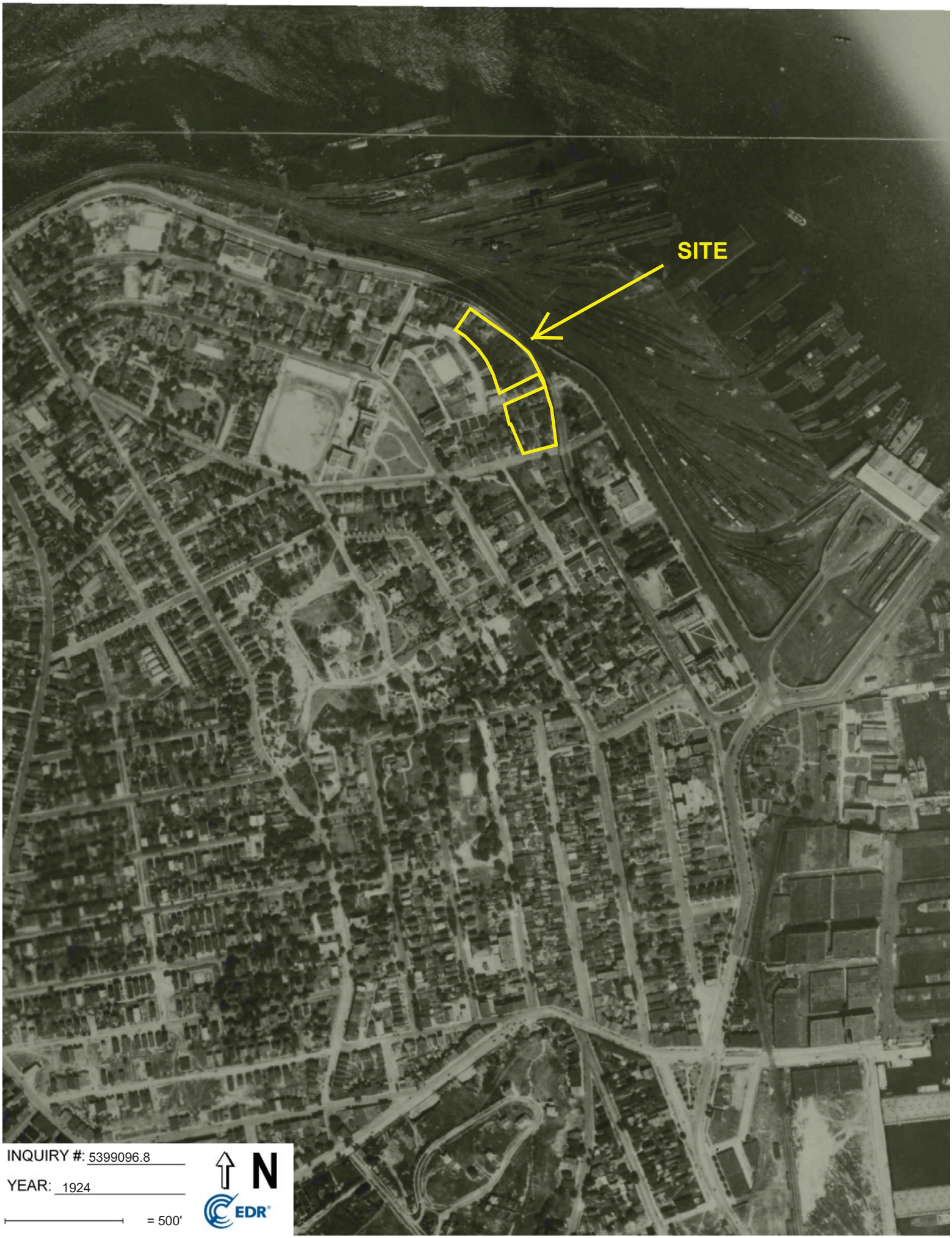
YEAR: 1943

= 500'

N

EDR


SITE
INQUIRY #: 5399096.8
YEAR: 1940
= 500'
N
EDR



INQUIRY #: 5399096.8

YEAR: 1924

= 500'

N

EDR

Undeveloped Property

170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl

Staten Island, NY 10301

Inquiry Number: 5399096.4

August 20, 2018

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

08/20/18

Site Name:

Undeveloped Property
170-194 Richmond Terrace, 8,
Staten Island, NY 10301
EDR Inquiry # 5399096.4

Client Name:

Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961
Contact: Keith Butler

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Env. Business Consultants were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: MRC1805

Coordinates:

Latitude:	40.646157 40° 38' 46" North
Longitude:	-74.079145 -74° 4' 45" West
UTM Zone:	Zone 18 North
UTM X Meters:	577858.52
UTM Y Meters:	4499885.91
Elevation:	37.28' above sea level

Maps Provided:

2013, 2014
1981
1966, 1967
1955
1947
1925
1905
1900
1898
1891

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013, 2014 Source Sheets

The Narrows

7.5-minute, 24000

Jersey City

7.5-minute, 24000

1981 Source Sheets

The Narrows

7.5-minute, 24000
Aerial Photo Revised 1976

Jersey City

7.5-minute, 24000
Aerial Photo Revised 1976

1966, 1967 Source Sheets

The Narrows

7.5-minute, 24000
Aerial Photo Revised 1966

Jersey City

7.5-minute, 24000
Aerial Photo Revised 1966

1955 Source Sheets

The Narrows

7.5-minute, 24000
Aerial Photo Revised 1954

Jersey City

7.5-minute, 24000
Aerial Photo Revised 1954

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets

Jersey City

7.5-minute, 24000
Aerial Photo Revised 1940

The Narrows

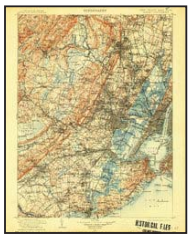
7.5-minute, 24000
Aerial Photo Revised 1941

1925 Source Sheets

Staten Island

15-minute, 62500

1905 Source Sheets



Passaic

30-minute, 125000

1900 Source Sheets

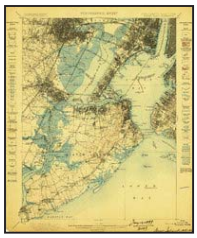
Staten Island

15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

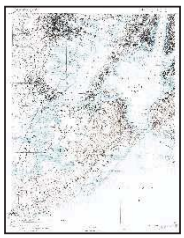
1898 Source Sheets



Staten Island

15-minute, 62500

1891 Source Sheets



STATEN ISLAND

15-minute, 62500

Historical Topo Map

2013, 2014

This report includes information from the following map sheet(s).

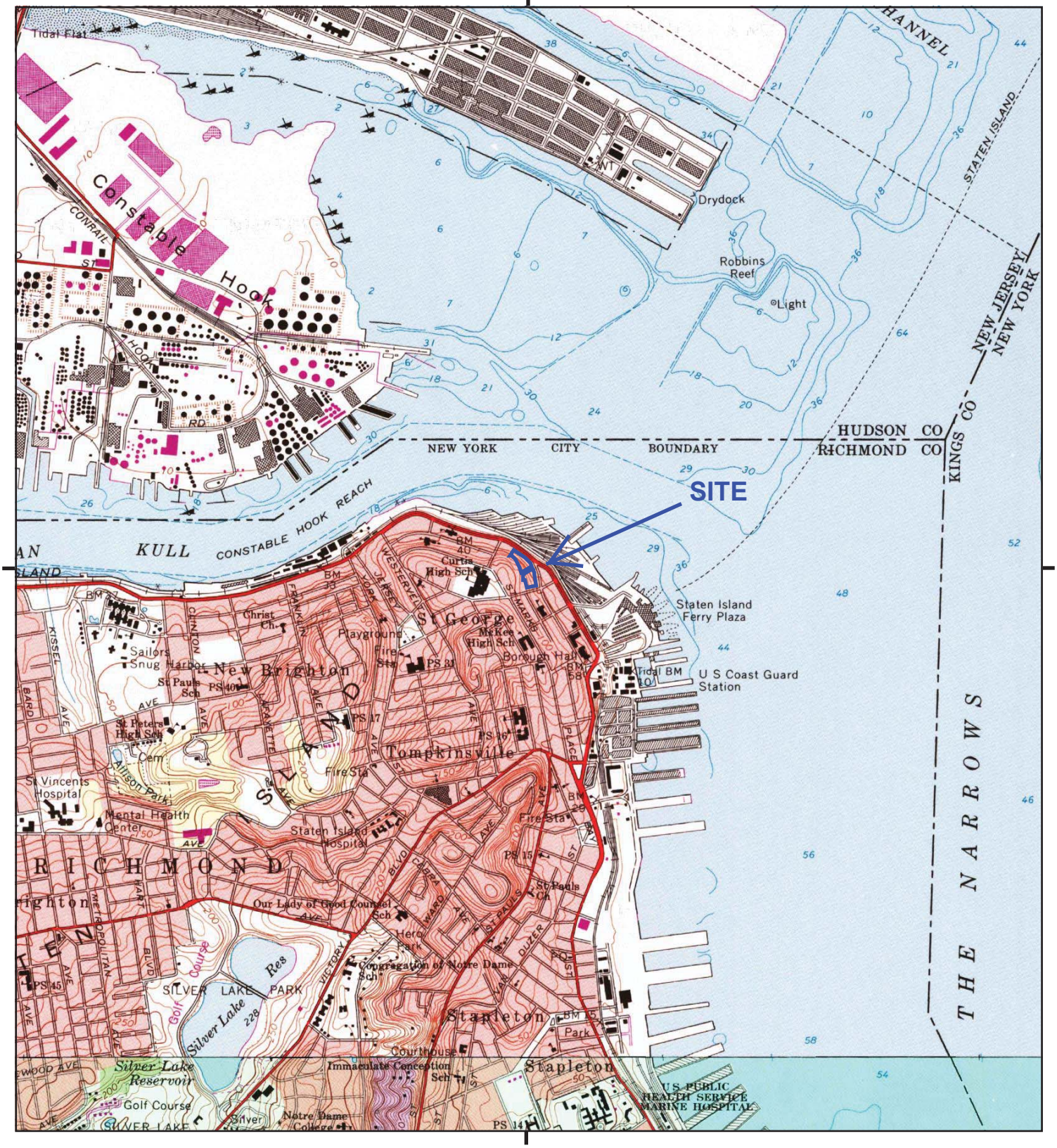
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jersey City, 2014, 7.5-minute
S, The Narrows, 2013, 7.5-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N



This report includes information from the following map sheet(s).

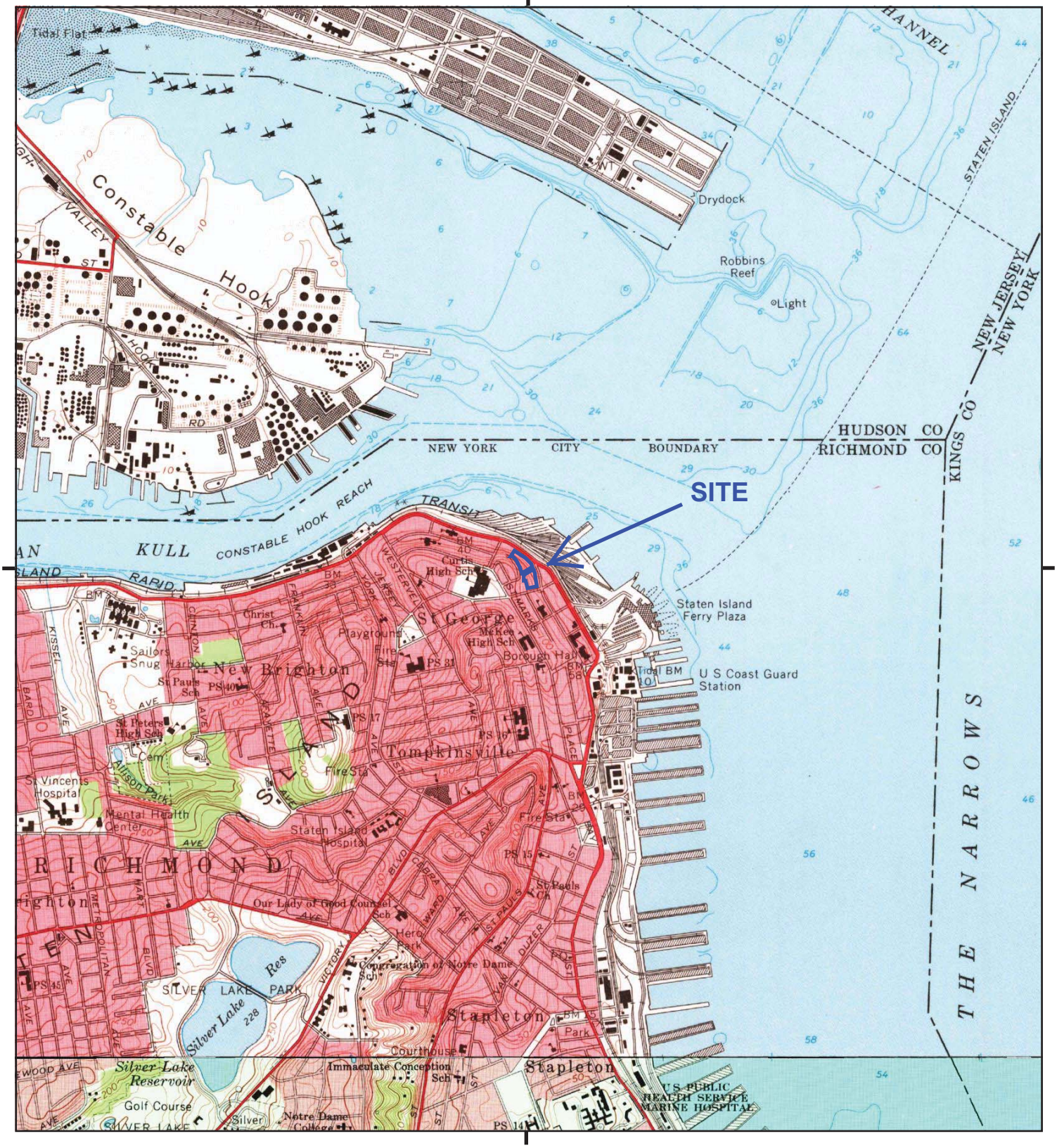
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jersey City, 1981, 7.5-minute
S, The Narrows, 1981, 7.5-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

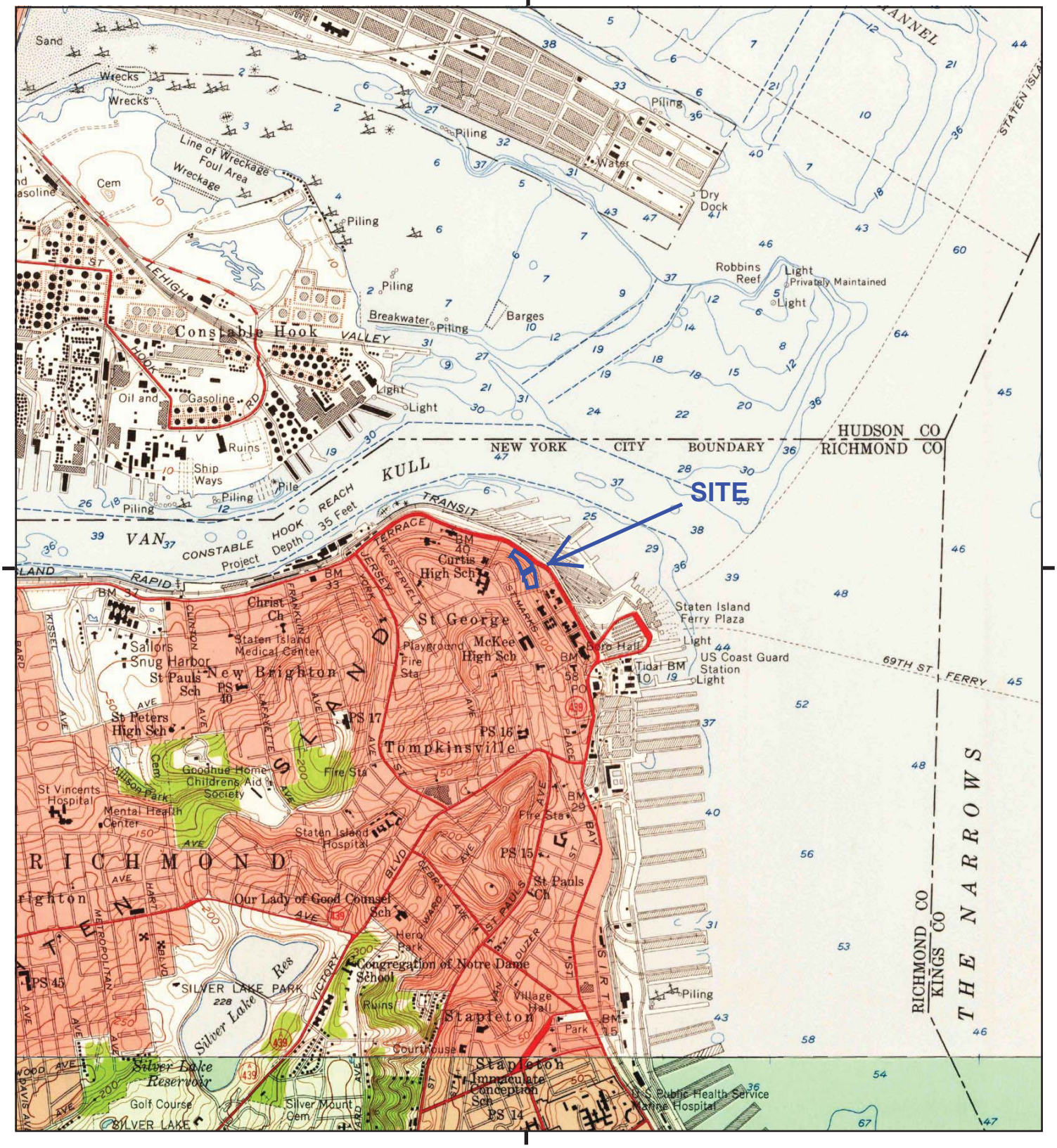
TP, Jersey City, 1967, 7.5-minute
S, The Narrows, 1966, 7.5-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N

Historical Topo Map

1955



This report includes information from the following map sheet(s).

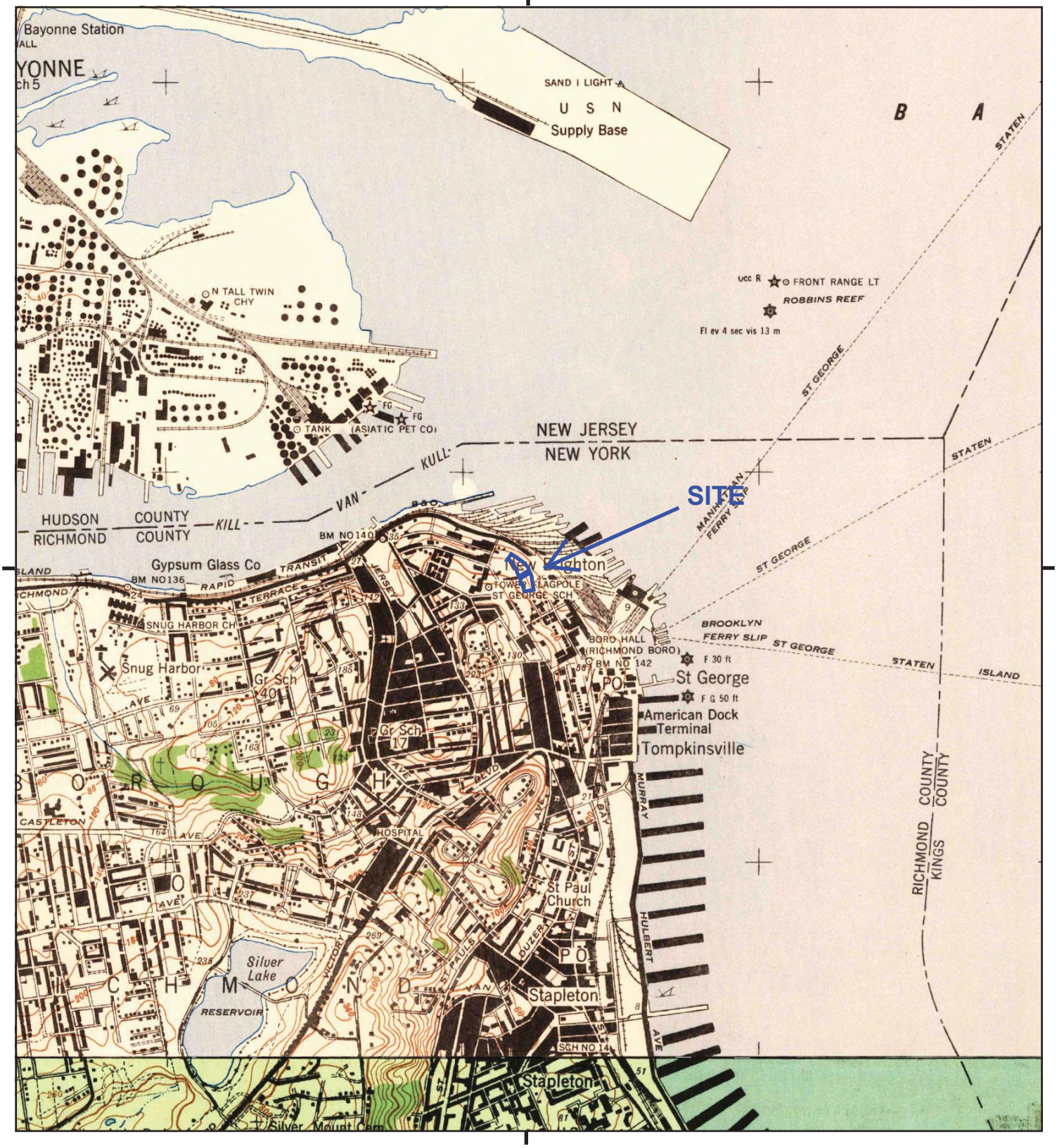
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jersey City, 1955, 7.5-minute
S, The Narrows, 1955, 7.5-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N



This report includes information from the following map sheet(s).

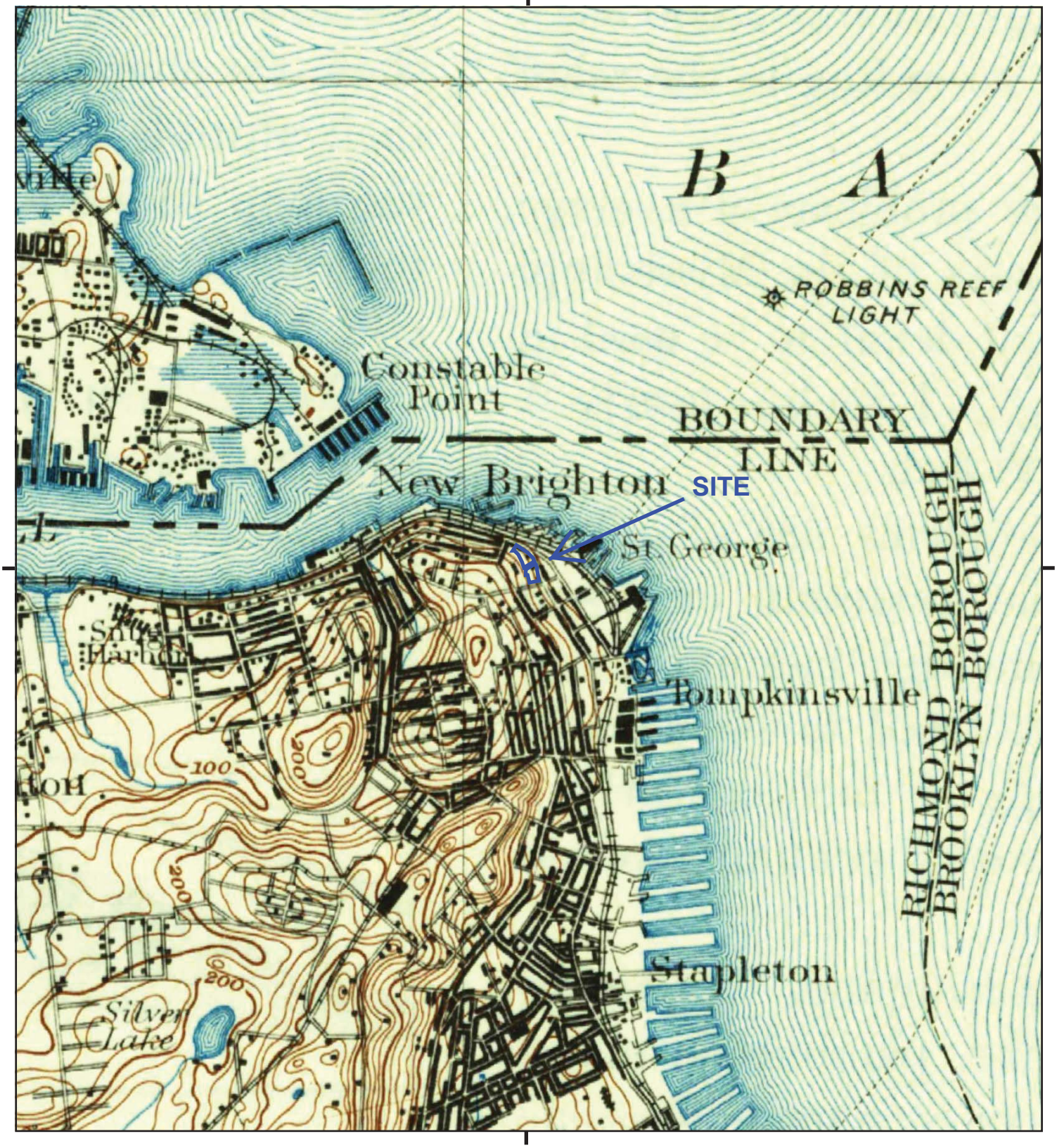
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Jersey City, 1947, 7.5-minute
S, The Narrows, 1947, 7.5-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Staten Island, 1925, 15-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Passaic, 1905, 30-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Staten Island, 1900, 15-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Staten Island, 1898, 15-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, STATEN ISLAND, 1891, 15-minute

SITE NAME: Undeveloped Property
ADDRESS: 170-194 Richmond Terrace, 8,18,20 Stuy
Staten Island, NY 10301
CLIENT: Env. Business Consultants

N

Undeveloped Property
170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl
Staten Island, NY 10301

Inquiry Number: 5399096.5
August 21, 2018

The EDR-City Directory Abstract

Environmental Data Resources Inc

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

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SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2005	Hill-Donnelly Information Services	-	X	X	-
2000	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1995	NYNEX	-	X	X	-
	NYNEX	X	X	X	-
1990	NYNEX Information Resource Company	-	X	X	-
	NYNEX Information Resource Company	X	X	X	-
1984	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1979	New York Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1979	New York Telephone	X	X	X	-
1975	New York Telephone Company	-	X	X	-
	New York Telephone Company	X	X	X	-
1970	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1965	New York Telephone Company	-	X	X	-
	New York Telephone Company	X	X	X	-
1960	New York Telephone Company	-	X	X	-
	New York Telephone Company	X	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1928	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
170 Richmond Terrace	Client Entered	X
8 Stuyvesant Place	Client Entered	X
18 Stuyvesant Place	Client Entered	X
20 Stuyvesant Place	Client Entered	X
194 Richmond Terrace	Client Entered	X
178 Richmond Terrace	Client Entered	
184 Richmond Terrace	Client Entered	
186 Richmond Terratce	Client Entered	
188 Richmond Terrace	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl
Staten Island, NY 10301

FINDINGS DETAIL

Target Property research detail.

RICHMND TER

194 RICHMND TER

Year	Uses	Source
1984	DAVIS MICHAEL	New York Telephone

RICHMOND AVE

170 RICHMOND AVE

Year	Uses	Source
1990	RICHMOND HEALTH CARE SUPLS	NYNEX Information Resource Company
1984	RICHMOND HEALTH CARE SUPLS	New York Telephone
	RICHMOND MEDICAL ELECTRONICS INC	New York Telephone
1975	THOM MC AN SHOE STORES	New York Telephone Company
1970	THOM ME AN SHOE STORES	New York Telephone
1965	MCAN THOM SHOE STORES GENL OFFICE	New York Telephone Company
1960	MCAN THOM SHOE STORES	New York Telephone Company

172 RICHMOND AVE

Year	Uses	Source
1975	VAN ROON S OF SI INC	New York Telephone Company
1970	VANROON S OF SI INC	New York Telephone
1965	VAN ROON S OF SI INC	New York Telephone Company
1960	VAN ROON S OF SI INC	New York Telephone Company

174 RICHMOND AVE

Year	Uses	Source
1995	Advance Technical Services Inc	NYNEX
1990	ADVANCE TECHNICAL SERVICES INC	NYNEX Information Resource Company
	BROWNING MARY	NYNEX Information Resource Company
1975	APPLEBAUM HERMAN RLTY	New York Telephone Company

FINDINGS

Year	Uses	Source
1975	LOBELS CHILDRENS DEPT STORE	New York Telephone Company
1970	APPLEBAUM HERMAN RLTY	New York Telephone
	LOELS CHILDRENS DEPT STORE	New York Telephone
1965	APPLEBAUM HERMAN CHILDRNS WEAR	New York Telephone Company
	LOBELS CHILDRENS DEPT STORE	New York Telephone Company
1960	APPLEBAUM HERMAN CHILDRNS WEAR	New York Telephone Company
	LOBELS CHLDRENS DEPT STORE	New York Telephone Company
1934	Aginsky Isaac Pauls Mens and Boys Wear	R. L. Polk & Co.
	Aginsky Pauline slswn Pauls Mens & Boys Wear	R. L. Polk & Co.

176 RICHMOND AVE

Year	Uses	Source
1975	PAUL S MEN S & BOYS SHOP	New York Telephone Company
1970	PAULS MENS & BOYS SHOP	New York Telephone
1965	PAUL S MEN S & BOYS SHOP	New York Telephone Company
1960	PAUL S MEN S & BOYS SHOP	New York Telephone Company
1928	KIMM WM HAKER	New York Telephone

192 RICHMOND AVE

Year	Uses	Source
1975	RAINBOW STORES CURTNS & DRAPRS	New York Telephone Company
1970	RAINBOW STORES CURTNS & DRAPRS	New York Telephone
1965	RAINBOW STORES CURTNS & DRAPRS	New York Telephone Company
1960	RAINB0 W STORES CURTNS & DRAPRS	New York Telephone Company

194 RICHMOND AVE

Year	Uses	Source
1960	MAE MOON STORE IDS APPRL	New York Telephone Company

195 RICHMOND AVE

Year	Uses	Source
1979	LEED S SHOP FOR MEN	New York Telephone
1975	LEEDS SHOP FOR MEN	New York Telephone Company
1970	CASUAL CLOSET IDS SPORTSWR	New York Telephone
1965	CASUAL CORNER IDS SPORTSWR	New York Telephone Company
	HOLZKA FOR STATE SENATE COMM	New York Telephone Company
1960	BEAUTE BOUTIQUE SHOPS INC	New York Telephone Company
	CASUAL CORNER LDS SPORTSWR	New York Telephone Company
	GOUBAUD DE PARIS	New York Telephone Company

FINDINGS

178L RICHMOND AVE

Year	Uses	Source
1975	PROSUH JOHN J	New York Telephone Company

RICHMOND CT

174 RICHMOND CT

Year	Uses	Source
2000	Advance Tocl Serv	Cole Information Services

RICHMOND RD

172 RICHMOND RD

Year	Uses	Source
1995	Color Performance	NYNEX
1965	MCCONNELL PHILIP	New York Telephone Company

194 RICHMOND RD

Year	Uses	Source
1965	LOCASCIO MICHL	New York Telephone Company

RICHMOND TER

188 RICHMOND TER

Year	Uses	Source
1970	IVERSEN O	New York Telephone
1965	IVERSEN OLGA B	New York Telephone Company

190 RICHMOND TER

Year	Uses	Source
1984	WHITMORE JAY	New York Telephone

194 RICHMOND TER

Year	Uses	Source
1990	PIET JOHN REV	NYNEX Information Resource Company
1984	BARRY THOMAS JR	New York Telephone
	DATT A	New York Telephone
	PIET JOHN REV	New York Telephone
1979	PACK JAMES	New York Telephone
	PIET JOHN REV	New York Telephone
1975	PIET JOHN REV	New York Telephone Company
1965	STIBBE OTTILIE	New York Telephone Company

Year	Uses	Source
1960	MONTY PAUL	New York Telephone Company
	STIBBE OTTILLE	New York Telephone Company
1928	MCGOWAN JOHN F R	New York Telephone

Richmond Terrace

170 Richmond Terrace

Year	Uses	Source
1990	RICHMOND HEALTH CARE SUPLS	NYNEX Information Resource Company
1984	RICHMOND HEALTH CARE SUPLS	New York Telephone
	RICHMOND MEDICAL ELECTRONICS INC	New York Telephone
1975	THOM MC AN SHOE STORES	New York Telephone Company
1970	THOM ME AN SHOE STORES	New York Telephone
1965	MCAN THOM SHOE STORES GENL OFFICE	New York Telephone Company
1960	MCAN THOM SHOE STORES	New York Telephone Company

178 Richmond Terrace

Year	Uses	Source

184 Richmond Terrace

Year	Uses	Source

188 Richmond Terrace

Year	Uses	Source
1970	IVERSEN O	New York Telephone
1965	IVERSEN OLGA B	New York Telephone Company

194 Richmond Terrace

Year	Uses	Source
1990	PIET JOHN REV	NYNEX Information Resource Company
1984	BARRY THOMAS JR	New York Telephone
	DATT A	New York Telephone
	PIET JOHN REV	New York Telephone
1979	PACK JAMES	New York Telephone
	PIET JOHN REV	New York Telephone
1975	PIET JOHN REV	New York Telephone Company
1965	LOCASCIO MICHL	New York Telephone Company
	STIBBE OTTILIE	New York Telephone Company

Year	Uses	Source
1960	MAE MOON STORE IDS APPRL	New York Telephone Company
	MONTY PAUL	New York Telephone Company
	STIBBE OTTILLE	New York Telephone Company
1928	MCGOWAN JOHN F R	New York Telephone

Richmond Terratce

186 Richmond Terratce

Year	Uses	Source

STUYVEAUNT PL

20 STUYVEAUNT PL

Year	Uses	Source
1928	BRAUNOR HELEN M MRS R	New York Telephone

STUYVESANT PL

8 STUYVESANT PL

Year	Uses	Source
1928	DAVIS & DAVIS RL EST INS	New York Telephone
	DAVIS H C R	New York Telephone

18 STUYVESANT PL

Year	Uses	Source
2000	HAMILTON AVE INTS	Cole Information Services
1965	LAMANNA ANNA MRS	New York Telephone Company
1960	BOLICK JOHN F	New York Telephone Company
	LAMANNO ANNA MRS	New York Telephone Company
1928	GREENWALD A R	New York Telephone

20 STUYVESANT PL

Year	Uses	Source
1960	WATSON BARRON G	New York Telephone Company
1928	ADAMS A A R	New York Telephone

FINDINGS

Stuyvesant Place

8 Stuyvesant Place

Year	Uses	Source
1928	DAVIS & DAVIS RL EST INS	New York Telephone
	DAVIS H C R	New York Telephone

18 Stuyvesant Place

Year	Uses	Source
2000	HAMILTON AVE INTS	Cole Information Services
1965	LAMANNA ANNA MRS	New York Telephone Company
1960	BOLICK JOHN F	New York Telephone Company
	LAMANNO ANNA MRS	New York Telephone Company
1928	GREENWALD A R	New York Telephone

20 Stuyvesant Place

Year	Uses	Source
1960	WATSON BARRON G	New York Telephone Company
1928	ADAMS A A R	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ACADEMY PL

1 ACADEMY PL

Year	Uses	Source
1928	BLOODGOOD I MISS R	New York Telephone
	BORSLIN JOHN R	New York Telephone

34 ACADEMY PL

Year	Uses	Source
2005	Mcfdariand Marianne	Hill-Donnelly Information Services
	h Jehsamam Suriya 7v o	Hill-Donnelly Information Services
	Haughwout Maureen Av o	Hill-Donnelly Information Services
	Asirwatham Kamalini	Hill-Donnelly Information Services
	Asirwatham Raja	Hill-Donnelly Information Services
2000	Raja Asirwatham	Cole Information Services
	Russell Haughwout	Cole Information Services
	Suriya Jehsamam	Cole Information Services
	Mananne Mc Farland	Cole Information Services
	B Rosenthal	Cole Information Services
1995	MCFARLAND Marianne	NYNEX
	ROSENTHAL B	NYNEX
1990	ASHENDORF A	NYNEX Information Resource Company
	ASIRWATHAM RAJA	NYNEX Information Resource Company
	MCFARLAND M	NYNEX Information Resource Company
	PARARAJASINGHAM KULASINGHAM	NYNEX Information Resource Company
1984	DINKINS RODNEY A	New York Telephone
	PETERSON EUGENE	New York Telephone
	RICHARDS RAY R	New York Telephone
1979	HOGAN ROBERT	New York Telephone
1975	CALLAHAN MARY	New York Telephone Company
	HOGAN ROBERT	New York Telephone Company
	RICHTER FREDRICK	New York Telephone Company
	THORVALDSEN HANS	New York Telephone Company
1970	SULLIVAN D J	New York Telephone
	HOGAN ROBERT	New York Telephone

FINDINGS

Year	Uses	Source
1970	CALLAHAN MARY	New York Telephone
	GILKESON PAUL JR	New York Telephone
1965	BAIERLEIN OTTO E	New York Telephone Company
	COBUCCI L MRS	New York Telephone Company
	PAOLICELLI F V MRS	New York Telephone Company
	SULLIVAN D J	New York Telephone Company
1960	BIEBEL J	New York Telephone Company
	PAOLICELLI F V MRS	New York Telephone Company
	PLOGER LAWRENCE MRS	New York Telephone Company
	SULLIVAN D J	New York Telephone Company
1934	Colley Thelma r	R. L. Polk & Co.
	Mulvaney Lillian clk Wm Klinge r	R. L. Polk & Co.
	Stenson Jessie wid John h	R. L. Polk & Co.

ACADENRY PL

34 ACADENRY PL

Year	Uses	Source
1928	STENSON J MRS R	New York Telephone

CARROLL PL

187 CARROLL PL

Year	Uses	Source
1979	VAUGHN RICHARD J	New York Telephone

HAMILITON AVE

29 HAMILITON AVE

Year	Uses	Source
1928	VARON DAVID R	New York Telephone

31 HAMILITON AVE

Year	Uses	Source
1960	MESCHERSKY A MRS	New York Telephone Company

33 HAMILITON AVE

Year	Uses	Source
1928	MCNEECE H T MISS R	New York Telephone

FINDINGS

36 HAMILITON AVE

Year	*Uses*	*Source*
1970	BRUNO VINCENT P	New York Telephone

37 HAMILITON AVE

Year	*Uses*	*Source*
1928	DOWD M Z MISS R	New York Telephone

40 HAMILITON AVE

Year	*Uses*	*Source*
1928	PRIER J IRVING R	New York Telephone

47 HAMILITON AVE

Year	*Uses*	*Source*
1928	HILL J R R	New York Telephone

50 HAMILITON AVE

Year	*Uses*	*Source*
1928	COISSON EMILE C R	New York Telephone

53 HAMILITON AVE

Year	*Uses*	*Source*
1928	GAGE M J MRS R	New York Telephone

60 HAMILITON AVE

Year	*Uses*	*Source*
1975	ISRAEL KAMAL	New York Telephone Company

HAMILTN AVE

36 HAMILTN AVE

Year	*Uses*	*Source*
1984	CRAWFORD GEORGE G	New York Telephone
1979	SZELESI JONOE	New York Telephone

HAMILTON

13 HAMILTON

Year	*Uses*	*Source*
1975	KELLY JOHN	New York Telephone Company
	RANDLE H MRS	New York Telephone Company
1970	KELLY JOHN	New York Telephone

FINDINGS

Year	Uses	Source
1965	NICHOLLS LILLIAN MRS	New York Telephone Company
	RANDLE H MRS	New York Telephone Company
	GRAY ALBERT	New York Telephone Company
1960	RANDLE WM A	New York Telephone Company

14 HAMILTON

Year	Uses	Source
1975	LUCERINO JOHN	New York Telephone Company
1965	RIZZO THOS G	New York Telephone Company
1960	RIZZO THOS G	New York Telephone Company

15 HAMILTON

Year	Uses	Source
1984	RENSON R	New York Telephone
1975	MUNROE P	New York Telephone Company
	STOTTLEMYER JOSEPH A	New York Telephone Company
1970	MUNROE P	New York Telephone
	STOTTLEMYER JOSEPH A	New York Telephone
1965	DOLINGER JAS E	New York Telephone Company
1960	GRAY ALBERT	New York Telephone Company

16 HAMILTON

Year	Uses	Source
1975	DAVIS R S	New York Telephone Company
1970	DAVIS R S	New York Telephone
1965	DAVIS R S	New York Telephone Company

17 HAMILTON

Year	Uses	Source
1975	DIGIOVANNI G	New York Telephone Company
	DIGIOVANNI MICHL	New York Telephone Company
1970	DI GIOVANNI MICHL	New York Telephone
	GRABER ALFRED G	New York Telephone
1965	GRABER ALFRED G	New York Telephone Company
	DIGIOVANNI MICHL	New York Telephone Company
1960	DI GIOVANNI MICHL	New York Telephone Company

18 HAMILTON

Year	Uses	Source
1975	PATERSON ELIZ R MRS	New York Telephone Company

FINDINGS

Year	Uses	Source
1970	PATERSON ELIZ R MRS	New York Telephone
1965	PATERSON ELIZ R MRS	New York Telephone Company
1960	PATERSON ELIZ R MRS	New York Telephone Company

19 HAMILTON

Year	Uses	Source
1975	LOBUE FRANK	New York Telephone Company
1970	LOBUE FRANK	New York Telephone
1965	DE MAYO LARRY N R	New York Telephone Company
	MURRAY EDWIN P	New York Telephone Company
1960	GRABER ALFRED G	New York Telephone Company

23 HAMILTON

Year	Uses	Source
1975	GAGLIO CARLO	New York Telephone Company
	LUDLOW WILLIAM H	New York Telephone Company
1970	QUINONES JOSE JR	New York Telephone
	GAGLIO CARLO	New York Telephone
1965	WALEGA CHAS	New York Telephone Company
	PIDSKALNY MICHL	New York Telephone Company

24 HAMILTON

Year	Uses	Source
1975	JANKOWSKI STANLEY	New York Telephone Company
1965	JANKOWSKI DOROTHY	New York Telephone Company
1960	JANKOWSKI DOROTHY	New York Telephone Company

27 HAMILTON

Year	Uses	Source
1975	MAROTTA FELICE	New York Telephone Company
	SCHLICHT J	New York Telephone Company
1960	CARROLL JJ	New York Telephone Company
	STAPLETON DAVID	New York Telephone Company

28 HAMILTON

Year	Uses	Source
1975	CLAIR THOMAS E JR	New York Telephone Company
1970	CASALASPRO ANTHONY	New York Telephone
1965	MORRIS ARTHUR E	New York Telephone Company
1960	STORY AUGUSTUS L	New York Telephone Company

FINDINGS

Year	Uses	Source
1960	MORRIS ARTHUR E	New York Telephone Company

32 HAMILTON

Year	Uses	Source
1975	SAMMON JOHN J	New York Telephone Company
	MULLER JOHN F	New York Telephone Company
1970	SAMMON JOHN J	New York Telephone
	MULLER JOHN F	New York Telephone
1965	MULLER JOHN F	New York Telephone Company
	SAMMON JOHN J	New York Telephone Company
1960	SAMMON JOHN J	New York Telephone Company

33 HAMILTON

Year	Uses	Source
1975	DEMAYO J F	New York Telephone Company
1970	DE MAYO J F	New York Telephone
1965	DE MAYO J F	New York Telephone Company

36 HAMILTON

Year	Uses	Source
1990	TALE SKENDER	NYNEX Information Resource Company
1975	EISENBERG SIGISMUND	New York Telephone Company
1965	CARLSEN DANL L	New York Telephone Company
1960	GRAHAM JAS	New York Telephone Company

37 HAMILTON

Year	Uses	Source
1975	COLLIER FRANK G	New York Telephone Company
1970	COLLIER FRANK G	New York Telephone
1965	COLLIER FRANK G	New York Telephone Company
	WALZ J G	New York Telephone Company
1960	COLLIER FRANK G	New York Telephone Company

38 HAMILTON

Year	Uses	Source
1975	CATTANO BEN N	New York Telephone Company
1970	MCGINN A T	New York Telephone
1965	MCGINN KATHLEEN R	New York Telephone Company
1960	MCGINN KATTIEEN R	New York Telephone Company
1934	Myles Agnes V tel opr r	R. L. Polk & Co.

FINDINGS

43 HAMILTON

Year	Uses	Source
1990	FIELD JEFF	NYNEX Information Resource Company
1975	DIBERARDINO DOMENICK	New York Telephone Company
1970	BISCHOFF J	New York Telephone
	OVER FREDK B	New York Telephone
1965	BISCHOFF JOANN E	New York Telephone Company
	OVER FREDK B	New York Telephone Company
1960	BISCHOFF GEO	New York Telephone Company

45 HAMILTON

Year	Uses	Source
1990	WANI M R	NYNEX Information Resource Company
	BRESLIN M	NYNEX Information Resource Company
1965	SMITH JULIA A MRS	New York Telephone Company
	MCDERMOTT ROBT J	New York Telephone Company

46 HAMILTON

Year	Uses	Source
1975	MAIER ALBERT	New York Telephone Company
1970	MAIER ALBERT	New York Telephone
1965	CORONATO THOS V	New York Telephone Company
1960	CORONATO THOS V	New York Telephone Company

47 HAMILTON

Year	Uses	Source
1970	KLUMBACH HAROLD E JR	New York Telephone
1965	KLUMBACH HAROLD E JR	New York Telephone Company
1960	HALEY WM M	New York Telephone Company

48 HAMILTON

Year	Uses	Source
1975	GUERRIERO ARNOLD	New York Telephone Company
1970	GUERRIERO ARNOLD	New York Telephone
1965	RICHARDSON KENNETH C	New York Telephone Company
1960	MARTIN JOHN F	New York Telephone Company

49 HAMILTON

Year	Uses	Source
1975	JENSEN EDW A	New York Telephone Company
1970	JENSEN EDW A	New York Telephone

FINDINGS

Year	Uses	Source
1965	KIERNAN THOS	New York Telephone Company
1960	KIERNAN THOS	New York Telephone Company

HAMILTON AVE

1 HAMILTON AVE

Year	Uses	Source
2000	S D Lyons	Cole Information Services
	Francis Mackin	Cole Information Services
	M D Hossain	Cole Information Services
	Mayur Murthy	Cole Information Services
	S Namasivayam	Cole Information Services
	P S Harden	Cole Information Services
	N Kenneth Harzewski	Cole Information Services
	Micheal Hicks	Cole Information Services
	Robert Hofmann	Cole Information Services
	Edward Kleine	Cole Information Services
	Eva Khan	Cole Information Services
	M Robert Marceda	Cole Information Services

2 HAMILTON AVE

Year	Uses	Source
2000	L M Adanak	Cole Information Services
	Sreekumar Alangad	Cole Information Services
	Anna Slobodova	Cole Information Services
	Said Shehata	Cole Information Services
	Shawonna Shaw	Cole Information Services
	L Salles	Cole Information Services
	Michel Aubry	Cole Information Services
	Roxanne Ayala	Cole Information Services
	Gentiana Brahimaj	Cole Information Services
	P Lois Brandt	Cole Information Services
	M Brasil	Cole Information Services
	3D John F Brescia	Cole Information Services
	1D Margaret Brescia	Cole Information Services
	LL C Chanbrasegaran	Cole Information Services
	3D Joseph Cottone	Cole Information Services
	A R Pittman	Cole Information Services
	Rogelio Ramos	Cole Information Services

FINDINGS

Year	Uses	Source
2000	J Richmond	Cole Information Services
	F L S Sang	Cole Information Services
	K I Younis	Cole Information Services
	Magdy Younis	Cole Information Services
	C C R Barron	Cole Information Services
	James Blackman	Cole Information Services
	C Bonisisio	Cole Information Services
	J Boullon Agrelo	Cole Information Services
	Anthony Calta	Cole Information Services
	Shannayne Chavis	Cole Information Services
	Alfonso Colon Jr	Cole Information Services
	F B Whych	Cole Information Services
	Doete Wilson	Cole Information Services
	BS Blanca I Colon	Cole Information Services
	Elizabeth Diep	Cole Information Services
	Daniel Dobransky	Cole Information Services
	Adrian Esparragoza	Cole Information Services
	Bharath Gajula	Cole Information Services
	Jenny Granza	Cole Information Services
	1D Jose Hendricks	Cole Information Services
	Sukchul Jang	Cole Information Services
	Emma K Jensen	Cole Information Services
	Lashanta Johnson	Cole Information Services
	John Keams	Cole Information Services
	Kosoko	Cole Information Services
	Melanie Kuchinski	Cole Information Services
	Monica Mastantouni	Cole Information Services
	Dieudonne Mwaha	Cole Information Services
	Thanh Nguyen	Cole Information Services
	S J Park	Cole Information Services
	Biyanvilage Perara	Cole Information Services
	Jeff Romling	Cole Information Services
	Ronald Robinson	Cole Information Services

3 HAMILTON AVE

Year	Uses	Source
2000	K Yvonne Faltaoos	Cole Information Services
	T Blanca Feijoo	Cole Information Services
	Kenneth Filar	Cole Information Services

FINDINGS

Year	Uses	Source
2000	J Fillot	Cole Information Services
	R K Mc Gloin	Cole Information Services
	L M Mc Vite	Cole Information Services
	E Faiza Zaki	Cole Information Services
	P M C White	Cole Information Services
	C Jolly Mathew	Cole Information Services
	Tandle	Cole Information Services
	Loring Rabt DDS	Cole Information Services
	Gessner Barbara	Cole Information Services
	Lering Robt DDS 97 718 442 SM	Cole Information Services
	Josephine Merlino	Cole Information Services

4 HAMILTON AVE

Year	Uses	Source
2000	J Jane Duru	Cole Information Services
	C Robert N Monda	Cole Information Services
	K Tommy Fu	Cole Information Services
	SAINT MARKS PL INTS	Cole Information Services
	Dagnrt Worjloh	Cole Information Services
	HS Noah Teitelbaum	Cole Information Services
	3D Rochelle Palmer	Cole Information Services
	George O Garro	Cole Information Services
	H K Nandhagopalan	Cole Information Services
	C James Gilbert	Cole Information Services
	E Ann Garcia	Cole Information Services
	James Ferrell	Cole Information Services
	Ana Peterson	Cole Information Services
	G Julie Walker	Cole Information Services
	LR Tadeusz Piotrowicz	Cole Information Services
	Poter N Knglrs	Cole Information Services
	Seaview Est Inc	Cole Information Services
	Seaview Est Inc	Cole Information Services
	DANIEL LOW TER INTS	Cole Information Services

5 HAMILTON AVE

Year	Uses	Source
2000	B Giles	Cole Information Services
	H Cheikh Ndoye	Cole Information Services
	H Ouyoung	Cole Information Services

Year	Uses	Source
2000	S L Pasquarella	Cole Information Services
	K G M Savarese	Cole Information Services
	Ndeye K Seck	Cole Information Services
	A sun	Cole Information Services
	A Spenser	Cole Information Services
	Jane Spilberg	Cole Information Services
	Dheeraj Tandon	Cole Information Services
	Elfren R Torres	Cole Information Services
	M Valis	Cole Information Services
	M John Summer	Cole Information Services
	Dick Shea	Cole Information Services

6 HAMILTON AVE

Year	Uses	Source
2000	N Thomas Gilmartin	Cole Information Services
	A Diva Yancey	Cole Information Services
	John Vorrasi	Cole Information Services
	Sandra Tumer	Cole Information Services
	Cygana Tucker	Cole Information Services
	Carmen Thompson	Cole Information Services
	K Thambiah	Cole Information Services
	L Kenneth Taclay	Cole Information Services
	Reul Rodriguez	Cole Information Services
	Ralph Rodriguez	Cole Information Services
	Luis Reyes	Cole Information Services
	Edna Reyes	Cole Information Services
	L Reeves	Cole Information Services
	Ullas Puthanpura	Cole Information Services
	K M P Donohue	Cole Information Services
	J Eglinton	Cole Information Services
	B Winston Moses	Cole Information Services
	Andrea Moullin	Cole Information Services
	N P Doherty	Cole Information Services
	J Yogakumar	Cole Information Services
	N Gonzalez	Cole Information Services
	L A Goryska	Cole Information Services
	M Sean Pamenter	Cole Information Services
	R Pikus	Cole Information Services
	Taryn Prince	Cole Information Services

FINDINGS

7 HAMILTON AVE

Year	Uses	Source
2000	B S Stewart	Cole Information Services
	Brandon Stradford	Cole Information Services

8 HAMILTON AVE

Year	Uses	Source
2000	L E Grubbs	Cole Information Services
	Deanna C Hicks	Cole Information Services
	F Karen Waltonen	Cole Information Services
	S Ward	Cole Information Services
1995	MCCARTHER Kimberly	NYNEX

9 HAMILTON AVE

Year	Uses	Source
2000	Manuel Madrid Jr	Cole Information Services
	Ethel Marbow	Cole Information Services
	J R Leader	Cole Information Services
	Tyree Long	Cole Information Services
	Dariusz Lukijaniuk	Cole Information Services
	Vincent Ma	Cole Information Services

12 HAMILTON AVE

Year	Uses	Source
1934	Winkle Andrew B Agnes H projectionist r	R. L. Polk & Co.

13 HAMILTON AVE

Year	Uses	Source
1934	Bayer John C Matilda carrier h	R. L. Polk & Co.

14 HAMILTON AVE

Year	Uses	Source
2000	Salvatore Fele	Cole Information Services

15 HAMILTON AVE

Year	Uses	Source
1934	h	R. L. Polk & Co.
	Nolte Edw Jeannette plmbr	R. L. Polk & Co.

16 HAMILTON AVE

Year	Uses	Source
2000	17 NP	Cole Information Services

FINDINGS

19 HAMILTON AVE

Year	Uses	Source
2000	Frank Lobue	Cole Information Services

21 HAMILTON AVE

Year	Uses	Source
2000	23 NP	Cole Information Services
1975	MATHEW SUSANNA	New York Telephone Company
1934	Ehret Mary sec r	R. L. Polk & Co.

24 HAMILTON AVE

Year	Uses	Source
2000	Stanley Jankowska	Cole Information Services
	STUYVESANT PL INTS	Cole Information Services

27 HAMILTON AVE

Year	Uses	Source
2000	Felice Marotta	Cole Information Services
	Marotta D Attormey 97 711 727 438 B	Cole Information Services
1965	VAUGHAN MARION F	New York Telephone Company
1934	Stone Cottage Studio TN David J Varon language sch	R. L. Polk & Co.
	Varon David J Henriette Stone Cottage Studio h	R. L. Polk & Co.

29 HAMILTON AVE

Year	Uses	Source
1960	SOMORJAY NICHOLAS	New York Telephone Company

31 HAMILTON AVE

Year	Uses	Source
1934	Mesohersky Anna wid Waldamir h	R. L. Polk & Co.
	Mechersky Anna Mrs h	R. L. Polk & Co.
	Bragdon Geo H asst U S Atty r	R. L. Polk & Co.
	Adlard Leonard interpreter r	R. L. Polk & Co.
1928	MESCHERSKY A MRS R	New York Telephone

32 HAMILTON AVE

Year	Uses	Source
2000	John F Muller	Cole Information Services

FINDINGS

33 HAMILTON AVE

Year	Uses	Source
1960	WILLMOT MVARY JANE	New York Telephone Company

Hamilton Ave

36 Hamilton Ave

Year	Uses	Source
2014	AIR TRAFFIC CONTROL NYC INC	EDR Digital Archive
	JONES JAMES	EDR Digital Archive
	36 HAMILTON AVE OWNERS CORP	EDR Digital Archive
	BUDOS BAND LLC	EDR Digital Archive
	JC SPECIAL EVENTS LLC	EDR Digital Archive
	LOCKE MONDA ROBIN	EDR Digital Archive
	SPRING VALLEY CHINESE WALDORF	EDR Digital Archive
	AIR TRAFFIC CONTROL NYC INC	EDR Digital Archive
	JONES JAMES	EDR Digital Archive
	36 HAMILTON AVE OWNERS CORP	EDR Digital Archive
	BUDOS BAND LLC	EDR Digital Archive
	LOCKE MONDA ROBIN	EDR Digital Archive
	JC SPECIAL EVENTS LLC	EDR Digital Archive
	SPRING VALLEY CHINESE WALDORF	EDR Digital Archive
2010	COMMUTER FRIENDLY	EDR Digital Archive
	LOCKE MONDA ROBIN	EDR Digital Archive
	JC SPECIAL EVENTS LLC	EDR Digital Archive
	R J TEMPLE COMMERCIAL	EDR Digital Archive
	BUDOS BAND LLC	EDR Digital Archive
	DAVIS ASSOCIATES	EDR Digital Archive
	DASILVA ISABEL	EDR Digital Archive
	36 HAMILTON AVE OWNERS CORP	EDR Digital Archive
	COMMUTER FRIENDLY	EDR Digital Archive
	JC SPECIAL EVENTS LLC	EDR Digital Archive
	LOCKE MONDA ROBIN	EDR Digital Archive
	36 HAMILTON AVE OWNERS CORP	EDR Digital Archive
	DASILVA ISABEL	EDR Digital Archive
	BUDOS BAND LLC	EDR Digital Archive
	DAVIS ASSOCIATES	EDR Digital Archive
	R J TEMPLE COMMERCIAL	EDR Digital Archive

FINDINGS

HAMILTON AVE

36 HAMILTON AVE

Year	*Uses*	*Source*
2005	Multi Unit Address	Hill-Donnelly Information Services
	Hamilton Ave Tenants Corp	Hill-Donnelly Information Services
	0	Hill-Donnelly Information Services
	Amesbonamo Phllipkarin v	Hill-Donnelly Information Services
	R H Brandt Lois A	Hill-Donnelly Information Services
	3D H Brescia John F	Hill-Donnelly Information Services
	1D h Brescia Margaret	Hill-Donnelly Information Services
	H h Byner Denise	Hill-Donnelly Information Services
	A Christman Jerry A	Hill-Donnelly Information Services
	F h Cirincione Rachel	Hill-Donnelly Information Services
	4D Cordova M Av	Hill-Donnelly Information Services
	A h Crotty Dennis AO	Hill-Donnelly Information Services
	J Diplllf Elizabeth v	Hill-Donnelly Information Services
	Dirwachter Thomas Jr	Hill-Donnelly Information Services
	K h Donohue M P Av	Hill-Donnelly Information Services
	H H Doyle T A v	Hill-Donnelly Information Services
	H Dwyer William AO	Hill-Donnelly Information Services
	Eshun Reginald v	Hill-Donnelly Information Services
	h Flamhaft Daniel L	Hill-Donnelly Information Services
	K h Fu Tommy A 7s	Hill-Donnelly Information Services
	Gargiso A v	Hill-Donnelly Information Services
	Goldsmith R v	Hill-Donnelly Information Services
	Goldsmith R v	Hill-Donnelly Information Services
	Grunfeld S vv	Hill-Donnelly Information Services
	P H Harden S v	Hill-Donnelly Information Services
	Ch Harvell John AV	Hill-Donnelly Information Services
	N h Harzewski Kenneth AV	Hill-Donnelly Information Services
	h Hayashi Edward AV	Hill-Donnelly Information Services
	S Hicks Micheal	Hill-Donnelly Information Services
	M Hofmann Robert AV g	Hill-Donnelly Information Services
	K h Jernigan Evan P 0 oi	Hill-Donnelly Information Services
	Kelly Joan AV	Hill-Donnelly Information Services
	S Klelne Edward AV	Hill-Donnelly Information Services
	A h Koplan S V	Hill-Donnelly Information Services
	Loring Robert	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Loring Robert	Hill-Donnelly Information Services
	N Lyons SD V g	Hill-Donnelly Information Services
	U h Marotta Jeannlne v	Hill-Donnelly Information Services
	Marotta Santo	Hill-Donnelly Information Services
	N h Martinez Femando Av	Hill-Donnelly Information Services
	J H Mcgloln K A	Hill-Donnelly Information Services
	Mcmanus R Vy	Hill-Donnelly Information Services
	L h Mcvltie M Av	Hill-Donnelly Information Services
	M Merlino Josephine Av	Hill-Donnelly Information Services
	C h Monda Robert N Av	Hill-Donnelly Information Services
	Moses Winston Av 9 S	Hill-Donnelly Information Services
	H h Namasivayam Srikumar A	Hill-Donnelly Information Services
	h Natallcchio Michelle vo	Hill-Donnelly Information Services
	T Phillilpps Daniel v	Hill-Donnelly Information Services
	A h Ramos Alberto	Hill-Donnelly Information Services
	Reltz 0Dv	Hill-Donnelly Information Services
	Robertson William Av	Hill-Donnelly Information Services
	K Savarese GM N	Hill-Donnelly Information Services
	H h Schultz Steven v	Hill-Donnelly Information Services
	LH h Seek Ndeye Khary	Hill-Donnelly Information Services
	h Shawkat Mohamed V	Hill-Donnelly Information Services
	Sherry Marzena v	Hill-Donnelly Information Services
	R Teltler Allan Av	Hill-Donnelly Information Services
	M Temple Richard	Hill-Donnelly Information Services
	F h Thomas Thomas Jr v	Hill-Donnelly Information Services
	HF Tirado Marie Av	Hill-Donnelly Information Services
	l RHTorres E R	Hill-Donnelly Information Services
	P Vails M v	Hill-Donnelly Information Services
	Volpe R v Y 6 R H White M C A	Hill-Donnelly Information Services
	Younis Ivy v	Hill-Donnelly Information Services
	K h Younls Magdy	Hill-Donnelly Information Services
	Continued	Hill-Donnelly Information Services
	U Yuen A v	Hill-Donnelly Information Services
	E Zaki Faiza Av	Hill-Donnelly Information Services
	H Zhang Lucy A	Hill-Donnelly Information Services
2000	Himltn Ave Cerp	Cole Information Services
1995	Loring Robt DDS	NYNEX
	Residence	NYNEX

FINDINGS

Year	Uses	Source
1995	Things Remembered Sl Mall	NYNEX
	BARKOOKY Magdi	NYNEX
	BERNARDI Lise	NYNEX
	BLACKADDER E	NYNEX
	BRESCIA John F	NYNEX
	BRESCIA John V	NYNEX
	BROWN Monica	NYNEX
	BUTE Garfield	NYNEX
	CHANBRASEGARAN C	NYNEX
	DETRAGLIA Timothy	NYNEX
	DRORBAUGH E	NYNEX
	EL SHERBINY Maged	NYNEX
	FALTAOOS Yvonne	NYNEX
	FELICIANO Ca	NYNEX
	FERENCZ G	NYNEX
	FRAIDOWITZ Bruce	NYNEX
	FU Tommy	NYNEX
	GENTILE Susanna	NYNEX
	GIGLIO William	NYNEX
	GONZALES Manuel	NYNEX
	HARZEWSKI Kenneth	NYNEX
	HAYES J	NYNEX
	HICKS Anthony	NYNEX
	HIRAI Nobuyoshi	NYNEX
	HORN David	NYNEX
	JOHNSON D	NYNEX
	KOPILAN Steven D	NYNEX
	LORING Robt DDS	NYNEX
	Residence	NYNEX
	MANION Peter	NYNEX
	MARLOWE E	NYNEX
	MATSUNAGA K	NYNEX
	MCELRATH C	NYNEX
	MCGLOIN K	NYNEX
	MCVITIE M	NYNEX
	MUSICANT M	NYNEX
	NAMASIVAYAM Srikumar	NYNEX
	NDIAYE Matar	NYNEX

FINDINGS

Year	Uses	Source
1995	NDOYE Cheikh	NYNEX
	OTERO E	NYNEX
	PATTERSON Larry	NYNEX
	RICE Timothy	NYNEX
	RICHMOND J	NYNEX
	ROSA Raymond	NYNEX
	RUSSELL Veronica	NYNEX
	SANG L S	NYNEX
	SAVARESE G M	NYNEX
	SECO Rosemary	NYNEX
	SHEA Dick	NYNEX
	SIEFKEN S	NYNEX
	SZYMANSKI K	NYNEX
	TROIANO Victor	NYNEX
	WALKER Julie C	NYNEX
	WATSON Karl	NYNEX
	WHITE M C	NYNEX
	YOUNIS I	NYNEX
	YOUNIS Magdy	NYNEX
	ZAKI Farza	NYNEX
	ZAWADA Stephen L	NYNEX
1990	ALBANO SCOTT	NYNEX Information Resource Company
	ALVARADO ERASMO	NYNEX Information Resource Company
	AUBRY MICHEL	NYNEX Information Resource Company
	BALISTRIERI M A	NYNEX Information Resource Company
	BERNARDI LISE	NYNEX Information Resource Company
	BRESCIA JOHN F	NYNEX Information Resource Company
	BUTE GARFIELD	NYNEX Information Resource Company
	CHANBRASEGARAN C	NYNEX Information Resource Company
	COTTONE JOSEPH G	NYNEX Information Resource Company
	DAVID E	NYNEX Information Resource Company
	FILLOT J	NYNEX Information Resource Company
	FLAKES DANIEL	NYNEX Information Resource Company
	FLAKES DONALD L	NYNEX Information Resource Company
	FRAIDOWITZ BRUCE	NYNEX Information Resource Company
	FRANCO AYDA	NYNEX Information Resource Company
	GALLAGHER JOHN M	NYNEX Information Resource Company
	GARCIA ALBERTO	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1990	GIGLIO WILLIAM	NYNEX Information Resource Company
	HILLIKER K	NYNEX Information Resource Company
	HODGKINS JAMES	NYNEX Information Resource Company
	JOHNSON J	NYNEX Information Resource Company
	KOPLAN STEVEN D	NYNEX Information Resource Company
	LORING ROBT DDS	NYNEX Information Resource Company
	LOUSH K	NYNEX Information Resource Company
	MC ELRATH CHRIS	NYNEX Information Resource Company
	MC RAE LESLIE	NYNEX Information Resource Company
	MC VITIE M	NYNEX Information Resource Company
	METTIAS MAGBY	NYNEX Information Resource Company
	MONDA ROBERT N	NYNEX Information Resource Company
	MOSES NELSON	NYNEX Information Resource Company
	MOSPAN R	NYNEX Information Resource Company
	MUSICANT M	NYNEX Information Resource Company
	NECCI JOHN	NYNEX Information Resource Company
	OTERO E	NYNEX Information Resource Company
	PALEAU MAURICE	NYNEX Information Resource Company
	PIOTROWICZ MAREK	NYNEX Information Resource Company
	PIOTROWICZ TADEUSZ	NYNEX Information Resource Company
	ROLLINS JULIEN	NYNEX Information Resource Company
	SANG L S	NYNEX Information Resource Company
	SCAFFIDI M L	NYNEX Information Resource Company
	SCHNORBUS D & R	NYNEX Information Resource Company
	SHAWKAT MOHAMED	NYNEX Information Resource Company
	SHEREN KEVIN	NYNEX Information Resource Company
	SZYMANSKI K	NYNEX Information Resource Company
	HAMILTON AV ASSOCS	NYNEX Information Resource Company
	VACCA CORRADO	NYNEX Information Resource Company
	WALKER JULIE C	NYNEX Information Resource Company
	WATSON KARL	NYNEX Information Resource Company
	WHELAN L	NYNEX Information Resource Company
	WHITE M C	NYNEX Information Resource Company
	YOUNIS MOHMMED M	NYNEX Information Resource Company
	ZAMORA M	NYNEX Information Resource Company
1984	AMBLER T	New York Telephone
	BLACK PETER	New York Telephone
	GAAL RICHARD	New York Telephone

FINDINGS

Year	Uses	Source
1984	GEMES HALINA	New York Telephone
	KANDIL MAMDOUH	New York Telephone
	MOFTAH SAMIR	New York Telephone
	NAKAMURA YURIKO	New York Telephone
	PARTCH GREGORY	New York Telephone
	SELIEM MOHAMED	New York Telephone
	WALKER JULIE C	New York Telephone
	WULKAN A B	New York Telephone
1975	ADAMEK MARY	New York Telephone Company
	ALBERTS M	New York Telephone Company
	ALEXANDER HAMILTON APTS INC	New York Telephone Company
	ALY AHMED	New York Telephone Company
	ARENTOFT KAI	New York Telephone Company
	BALLERO FRANK	New York Telephone Company
	BEECHER RAYMOND	New York Telephone Company
	BOCCUZZI F A	New York Telephone Company
	BORST WILLIAM J	New York Telephone Company
	BROWN WM G	New York Telephone Company
	BROWZIN B S	New York Telephone Company
	CHALMERS THOMAS L	New York Telephone Company
	CRAWFORD GEORGE G	New York Telephone Company
	CULLEN BRIAN	New York Telephone Company
	CUMMINS WILLIAM	New York Telephone Company
	DAVY M	New York Telephone Company
	DOUBAN MOUSTAFA	New York Telephone Company
	DUBUQUE M	New York Telephone Company
	DUQUE G	New York Telephone Company
	EFROS YAEL	New York Telephone Company
	ELKADI NABIL	New York Telephone Company
	ERKMAN JEFFREY R	New York Telephone Company
	FARID EMIL	New York Telephone Company
	FORSTER PAUL	New York Telephone Company
	GEPFERT PATRICK	New York Telephone Company
	GLEESON M	New York Telephone Company
	GONZALES MANUEL	New York Telephone Company
	GROOME C V	New York Telephone Company
	GUMMERSBACH JAY E	New York Telephone Company
	HANFT RICHARD	New York Telephone Company

FINDINGS

Year	Uses	Source
1975	HUSSAMELDIM TAMIEM	New York Telephone Company
	HYLAND B	New York Telephone Company
	INFANTE RAUL W J DR	New York Telephone Company
	JIMENEZ JOSE	New York Telephone Company
	JOHNSON VICTOR A	New York Telephone Company
	JONAS PHILIP	New York Telephone Company
	KAY IRA M	New York Telephone Company
	KELL ROBERT E	New York Telephone Company
	LAGDAMEO RENE S	New York Telephone Company
	LARUSH THOS	New York Telephone Company
	LORING ROBT DDS	New York Telephone Company
	MASON JAMES B CAPT	New York Telephone Company
	MCMULLAN E W	New York Telephone Company
	MERRILL C	New York Telephone Company
	MERZ MANFRED M	New York Telephone Company
	MEYLAN DICK	New York Telephone Company
	MINI ANTHONY	New York Telephone Company
	NEUBAUER WALTER J	New York Telephone Company
	NEWMAN JOS A	New York Telephone Company
	O BRIEN M H	New York Telephone Company
	OLVER CLARK M	New York Telephone Company
	OSMAN MOHAMED	New York Telephone Company
	PATTERSON LARRY	New York Telephone Company
	PENHALE G O	New York Telephone Company
	POBAT PETER R	New York Telephone Company
	RABANEL CHAS	New York Telephone Company
	REBEL JOSEPH	New York Telephone Company
	RELE VILAS	New York Telephone Company
	SAFFORD MICHAEL R	New York Telephone Company
	SALBADOR RAYMOND G	New York Telephone Company
	SAMAAN ALBERT	New York Telephone Company
	SMILOWITZ HOWARD	New York Telephone Company
	SPINDANGER THOMAS	New York Telephone Company
	STRYKER M	New York Telephone Company
	SZELESI JENOE	New York Telephone Company
	TUCKMAN D	New York Telephone Company
	TUOHY P	New York Telephone Company
	TZIVELEKIS E	New York Telephone Company

FINDINGS

Year	*Uses*	*Source*
1975	VITUCCI M M	New York Telephone Company
	WALSH STEPHEN	New York Telephone Company
	WASSEF MOURAD K	New York Telephone Company
	WATERFIELD W	New York Telephone Company
	WHALEN JAMES B	New York Telephone Company
	WHITE JOSEPH B	New York Telephone Company
	WILEY R	New York Telephone Company
	YAEGER DWIGHT	New York Telephone Company
	YATES ROBERT A	New York Telephone Company
1970	LLORET ANTHONY	New York Telephone
	LORING ROBT DDS	New York Telephone
	LUGTON ROBT	New York Telephone
	LUPINO RICHARD	New York Telephone
	MARINELLI UGO	New York Telephone
	MARQUEZ ROLANDO S	New York Telephone
	MARTIN CHRIS	New York Telephone
	MARTIN T JOSEPH	New York Telephone
	MURNANE WILLIAM P	New York Telephone
	MUSCARELLA MICHAEL	New York Telephone
	NAIVA RAYMOND F	New York Telephone
	NEUBAUER WALTER	New York Telephone
	O BRIEN M H	New York Telephone
	PENHALE G O	New York Telephone
	PLIHAL ERNST	New York Telephone
	RAVELO RAUL A	New York Telephone
	SALBADOR RAYMOND G	New York Telephone
	SALTZMAN STEVEN	New York Telephone
	SIPP JOHN PETER	New York Telephone
	STRYKER CHAS S	New York Telephone
	SVEGLIATO JOHN F	New York Telephone
	TZIVELEKIS E	New York Telephone
	VLTUCCI M M	New York Telephone
	WATERFIELD WM COL	New York Telephone
	WESCOTT WARD D	New York Telephone
	ADAMEK MARY	New York Telephone
	AGATA YUKIE	New York Telephone
	ANTONELLI MARIO	New York Telephone
	ARENTOFT KAI	New York Telephone

FINDINGS

Year	*Uses*	*Source*
1970	ARNSTEIN ELLIS J	New York Telephone
	BALLERO FRANK	New York Telephone
	BEECHER RAYMOND	New York Telephone
	BOURASSA C E	New York Telephone
	BROWN EUGENE C	New York Telephone
	BROWN WM G	New York Telephone
	CARAVAN RONALD L	New York Telephone
	CERDA RONALD	New York Telephone
	CHALMERS GEORGE	New York Telephone
	CHERNIN PAUL	New York Telephone
	CHING P P	New York Telephone
	CONDON EW	New York Telephone
	CRIST M J	New York Telephone
	DRIVER DONALD P	New York Telephone
	EBSTEIN VALLY	New York Telephone
	EFROS ABRAM J MRS	New York Telephone
	FALAT JOHN	New York Telephone
	FELKER JEANNE	New York Telephone
	FERRARA MADELEINE	New York Telephone
	FOLEY A C	New York Telephone
	GILMARTIN LEO	New York Telephone
	GIORLANDO M	New York Telephone
	GOLDSCHLAG ROBERT	New York Telephone
	GOLDSTEIN JEROME	New York Telephone
	GOSTOUT FRANK	New York Telephone
	GROOME C V	New York Telephone
	HALE JAS H	New York Telephone
	HILLER NELSON	New York Telephone
	HILTON TOBY W	New York Telephone
	HO T C	New York Telephone
	HUFF DAVID	New York Telephone
	INFANTE RAUL J DR	New York Telephone
	KAY IRA M	New York Telephone
	KENNEY DAVID M	New York Telephone
	KWON CHAN	New York Telephone
	LABLE MORRIS	New York Telephone
	LARUSH THOS	New York Telephone
	LEE WILLIAM C	New York Telephone

FINDINGS

Year	Uses	Source
1970	LEVERING RICHD G	New York Telephone
	LIU CHUNGKAI	New York Telephone
1965	ALEXANDER HAMILTON APTS INC	New York Telephone Company
	BALLERO FRANK	New York Telephone Company
	BOWEN SUSAN	New York Telephone Company
	BROWN EUGENE C	New York Telephone Company
	CHAPUT ISABELL MRS	New York Telephone Company
	CONDON E W	New York Telephone Company
	CROSS RONALD W	New York Telephone Company
	DAILY JEFFREY N	New York Telephone Company
	DEBEER E JOHN JR	New York Telephone Company
	FINK GEO R	New York Telephone Company
	FRATT JOS JR	New York Telephone Company
	GIOVINCO J	New York Telephone Company
	GRODMAN HERBERT	New York Telephone Company
	GROSS JAS G	New York Telephone Company
	HANSEN AUDREY	New York Telephone Company
	HEDQUIST GEO F	New York Telephone Company
	HOLDERMAN DARRELL R JR	New York Telephone Company
	INGASIA JAS	New York Telephone Company
	JACOBSEN OLAF M JR	New York Telephone Company
	KEARNEY CHAS B JR	New York Telephone Company
	KEATING JAS	New York Telephone Company
	KIRCHNER DIANNE	New York Telephone Company
	KURTZ A PETER	New York Telephone Company
	LAWSON HARRY L	New York Telephone Company
	LEVERING RICHD G	New York Telephone Company
	LEWIS RONALD M	New York Telephone Company
	LORING ROBT DDS	New York Telephone Company
	LUISI ANTHONY	New York Telephone Company
	MURPHY ROSWELL F	New York Telephone Company
	OLSEN CLIFFORD K	New York Telephone Company
	OLSEN JOHN G	New York Telephone Company
	PAGARACCI NELSON	New York Telephone Company
	PANDULLO NICHOLAS	New York Telephone Company
	PETERS H L B	New York Telephone Company
	PINTO RICHD L	New York Telephone Company
	RISE LOUIS J JR	New York Telephone Company

Year	Uses	Source
1965	SALBADOR RAYMOND G	New York Telephone Company
	SEMRAD ROBT J	New York Telephone Company
	STRYKER CHAS S	New York Telephone Company
	WEBSTER KENNETH	New York Telephone Company

37 HAMILTON AVE

Year	Uses	Source
1975	BREHM WILLIAM	New York Telephone Company
1970	HOUGH T MRS	New York Telephone
1965	HOUGH T MRS	New York Telephone Company
1960	HOUGH J M	New York Telephone Company
1934	Burke Eunice E tchr private sch r	R. L. Polk & Co.
	Burke Jefferson D night city editor r	R. L. Polk & Co.
	Burke Loretto G clk r	R. L. Polk & Co.
	Dowd Anna F h	R. L. Polk & Co.
	Warth Apollonia L r	R. L. Polk & Co.

Hamilton Ave

41 Hamilton Ave

Year	Uses	Source
2014	WILLIAM ROBINSON	EDR Digital Archive
	MULLANEY RICHARD	EDR Digital Archive
	MULLANEY RICHARD	EDR Digital Archive
	WILLIAM ROBINSON	EDR Digital Archive
2010	MULLANEY RICHARD	EDR Digital Archive
	MULLANEY RICHARD	EDR Digital Archive

HAMILTON AVE

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Year	Uses	Source
2005	H Robertson William	Hill-Donnelly Information Services
2000	Cecile Brion	Cole Information Services
1995	ROBERTSON William	NYNEX
	ROBERTSON William & Cecile	NYNEX
1975	OREN GUNNAR	New York Telephone Company
1970	OREN GUNNAR	New York Telephone
	SWEENEY WALTER F JR	New York Telephone
1965	LAWLOR JAS J	New York Telephone Company

FINDINGS

Year	Uses	Source
1965	OREN GUNNAR	New York Telephone Company
1960	OREN GUNNAR	New York Telephone Company
	TOWLE H F MRS	New York Telephone Company
1934	Brewer Frances E wid Francis organizer h	R. L. Polk & Co.
	Lind Barbara B Lind Lending Library h	R. L. Polk & Co.
	Lind Vincent L Barbara B tel electn h	R. L. Polk & Co.
	Lind Lending Library TN Barbara B Lind	R. L. Polk & Co.

43 HAMILTON AVE

Year	Uses	Source
2000	45 NP	Cole Information Services

47 HAMILTON AVE

Year	Uses	Source
2005	H Nebel Joachim AO	Hill-Donnelly Information Services
2000	Joachim Nebel	Cole Information Services
1975	LEWIS WILLIAM F	New York Telephone Company
1970	NEWMAN W R	New York Telephone
1965	NEWMAN W R	New York Telephone Company
1960	NEWMAN W R	New York Telephone Company
1934	Parmele Henry G Helen B broker h	R. L. Polk & Co.
	Mc Kennedy Margt maid r	R. L. Polk & Co.

48 HAMILTON AVE

Year	Uses	Source
2000	49 NP	Cole Information Services
1934	Vizzi Michl Mary dock hd dept P&S h	R. L. Polk & Co.

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Year	Uses	Source
2005	H Robertson William Aa	Hill-Donnelly Information Services
	Robertson William L	Hill-Donnelly Information Services
	Shloya Masashi r	Hill-Donnelly Information Services
2000	William Robertson	Cole Information Services
	ACADEMY PL INTS	Cole Information Services
	Softwise	Cole Information Services
	Wm L Robertson	Cole Information Services
1995	MANNING Robert N	NYNEX
1975	MANNING ROBERT N	New York Telephone Company
1970	GUERIN JAS R	New York Telephone

Year	Uses	Source
1965	GUERIN JAS R	New York Telephone Company
1960	GALLAGHER EILEEN	New York Telephone Company
	CANFIELD JAS V	New York Telephone Company
	GALLAGHER JULIA RN	New York Telephone Company

56 HAMILTON AVE

Year	Uses	Source
1970	ALEXANDER HAMILTON APTS INC	New York Telephone

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Year	Uses	Source
2005	H Bue Marcello A	Hill-Donnelly Information Services
	Caputo Chris v	Hill-Donnelly Information Services
2000	Marcello Bue	Cole Information Services
	Robert Trammel	Cole Information Services
	Wendy Tucker	Cole Information Services
	Wendy Tucker	Cole Information Services
1990	COSTELLO L	NYNEX Information Resource Company
1984	COSTELLO FRANCIS J	New York Telephone
1975	COSTELLO FRANCIS J	New York Telephone Company
1970	COSTELLO FRANCIS J	New York Telephone
1965	CARLTON JAS M	New York Telephone Company
	SCHMOHL WM H JR	New York Telephone Company
1960	SCHMOHL WM H JR	New York Telephone Company
1934	Schmohl Wm H Jr Martha R bldrs sups h	R. L. Polk & Co.

Hamilton Ave

60 Hamilton Ave

Year	Uses	Source
2014	OLIVIER MERCIER LTD	EDR Digital Archive
	CAMARGO ENTERPRISES INC	EDR Digital Archive
	LEADER R	EDR Digital Archive
	OLIVIER MERCIER LTD	EDR Digital Archive
	LEADER R	EDR Digital Archive
	CAMARGO ENTERPRISES INC	EDR Digital Archive
2010	LEADER R	EDR Digital Archive
	CAMARGO ENTERPRISES INC	EDR Digital Archive
	MAX POTENTIAL MARKETING INC	EDR Digital Archive
	LOST CAT RECORDS & PUBG INC	EDR Digital Archive

Year	Uses	Source
2010	OLIVIER MERCIER LTD	EDR Digital Archive
	SOFTWARE FOREST	EDR Digital Archive
	MAKING PARTY	EDR Digital Archive
	CAMARGO ENTERPRISES INC	EDR Digital Archive
	MAX POTENTIAL MARKETING INC	EDR Digital Archive
	LOST CAT RECORDS & PUBG INC	EDR Digital Archive
	LEADER R	EDR Digital Archive
	OLIVIER MERCIER LTD	EDR Digital Archive
	MAKING PARTY	EDR Digital Archive
	SOFTWARE FOREST	EDR Digital Archive

HAMILTON AVE

60 HAMILTON AVE

Year	Uses	Source
2005	E h Garcia Annv o	Hill-Donnelly Information Services
	N Gilmartin Thomas Ao	Hill-Donnelly Information Services
	L Grubbs E AO	Hill-Donnelly Information Services
	Jackson Troy	Hill-Donnelly Information Services
	K Keeley Percyr A	Hill-Donnelly Information Services
	h Kocunova Marta	Hill-Donnelly Information Services
	J h Leader R AO	Hill-Donnelly Information Services
	5D h Uv Lngston Renlta v	Hill-Donnelly Information Services
	B Long Tyree o	Hill-Donnelly Information Services
	K h Madrid Manuel Jr A	Hill-Donnelly Information Services
	Marquez Ana v	Hill-Donnelly Information Services
	Marshall Darius	Hill-Donnelly Information Services
	Marshall Lequlda v	Hill-Donnelly Information Services
	Marvel Ethel AV	Hill-Donnelly Information Services
	G Meaders Latlfa v	Hill-Donnelly Information Services
	G Mingo Delmarva v 0 o	Hill-Donnelly Information Services
	Mondella Anthony 17 4 1 A h Moreno Barry	Hill-Donnelly Information Services
	Owen L	Hill-Donnelly Information Services
	C Paulose Joshy	Hill-Donnelly Information Services
	h Peret Jaime AVo o	Hill-Donnelly Information Services
	h Pikus R	Hill-Donnelly Information Services
	Post Christian v	Hill-Donnelly Information Services
	H h Propst William 60 o	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	H h Ramey M	Hill-Donnelly Information Services
	h Reay Andrea v 00oo	Hill-Donnelly Information Services
	J Remedios Rolando vo 2 C Robertson H AV	Hill-Donnelly Information Services
	Shaw Annie 0 Shirazi All v	Hill-Donnelly Information Services
	G Sm Ith D	Hill-Donnelly Information Services
	K Smith Emily	Hill-Donnelly Information Services
	C Stradford Brandon	Hill-Donnelly Information Services
	N h Thamblah Ketheswarapaska	Hill-Donnelly Information Services
	N h Thamblah Ketheswarapaska	Hill-Donnelly Information Services
	Ward S	Hill-Donnelly Information Services
	F h Whych B A	Hill-Donnelly Information Services
	A h Yancey Diva	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	h Adhikari Anil	Hill-Donnelly Information Services
	K h Allen R	Hill-Donnelly Information Services
	Allen Shirleyo	Hill-Donnelly Information Services
	Aughenbaugh Joseph 5 G Batts	Hill-Donnelly Information Services
	Bizzarro M T	Hill-Donnelly Information Services
	h Calta Anthony A	Hill-Donnelly Information Services
	Cassidy Robert o	Hill-Donnelly Information Services
	Clark Shannin v	Hill-Donnelly Information Services
	C h Davis Benjamin 2 v	Hill-Donnelly Information Services
	Federovsky Claudlnela Santos	Hill-Donnelly Information Services
	J Ferrell James	Hill-Donnelly Information Services
	Finnlgan Sean	Hill-Donnelly Information Services
	Flore Kassa vo	Hill-Donnelly Information Services
	4D Galante Janet o	Hill-Donnelly Information Services
2000	Apartments	Cole Information Services
	C Joseph Abraham	Cole Information Services
	T Alalasundram	Cole Information Services
	Joel Austin	Cole Information Services
	A Bardsley	Cole Information Services
	Beverly Spinks	Cole Information Services
	Baverly Spinks	Cole Information Services
1995	MATHEW Jolly	NYNEX
	PIKUS R	NYNEX
	REYBENBERG Aleksander	NYNEX
	PEYES Edwin	NYNEX

FINDINGS

Year	Uses	Source
1995	REYES Juan	NYNEX
	PEYES Melvin	NYNEX
	ROSADO Jose	NYNEX
	SARFRAZ Syed	NYNEX
	SCHRAUGER Gary	NYNEX
	SILVA Naveen	NYNEX
	SMITH D	NYNEX
	STIRTON C	NYNEX
	THAMBIAH Ketheswarapaskaran	NYNEX
	THOMAS Yanic	NYNEX
	TORRES W	NYNEX
	VARUGHESE Sheela	NYNEX
	WHYCH B	NYNEX
	ABRAHAM Joseph	NYNEX
	BOWEN Norman	NYNEX
	BOYD P	NYNEX
	CAMPANILE Carl	NYNEX
	CARELLA S	NYNEX
	CELESTINE Kandell	NYNEX
	CHEN Xuan	NYNEX
	CURRELLEY P A	NYNEX
	DANDREA P	NYNEX
	DESILVA Harendra	NYNEX
	DUNLEAVY Patrick	NYNEX
	EDWARDS Paul	NYNEX
	EDWARDS Paul A	NYNEX
	EMMANUEL Walter	NYNEX
	GILBERT James	NYNEX
	HARMSE Henning A	NYNEX
	HILL Donald	NYNEX
	HOLMES C C	NYNEX
	HUMES Rosale	NYNEX
	JACKSON Troy	NYNEX
	JOSEPH Mathew	NYNEX
	KAMGA Camille Ngassa	NYNEX
	KERR Anita	NYNEX
	KUDAGAMANA Dammik	NYNEX
	KUNARASA Appiah	NYNEX

FINDINGS

Year	Uses	Source
1995	LANG Jennifer L	NYNEX
	LEADER R	NYNEX
	MADRID Manuel Jr	NYNEX
	MARBOW Ethel	NYNEX
1990	ABRAHAM ABRAHAM	NYNEX Information Resource Company
	ABRAHAM JOSEPH	NYNEX Information Resource Company
	ACHAMPONG EMMANUEL	NYNEX Information Resource Company
	BARNES CHARLENE	NYNEX Information Resource Company
	BLAINE R	NYNEX Information Resource Company
	BURNS MARGARET	NYNEX Information Resource Company
	CLIFFORD M	NYNEX Information Resource Company
	CONNERS HARRY	NYNEX Information Resource Company
	CROSSON JOSEPH	NYNEX Information Resource Company
	CUNNINGHAM DWIGHT	NYNEX Information Resource Company
	DAVIS MARK	NYNEX Information Resource Company
	DIAZ JOHNNIE	NYNEX Information Resource Company
	ECCLESTON M	NYNEX Information Resource Company
	EDWARDS PAUL	NYNEX Information Resource Company
	EDWARDS PAUL A	NYNEX Information Resource Company
	GAMMON DONALD	NYNEX Information Resource Company
	GEORGE IGNITIUS	NYNEX Information Resource Company
	GEORGE S	NYNEX Information Resource Company
	GIBNEY PAUL	NYNEX Information Resource Company
	GORAYSKA A	NYNEX Information Resource Company
	HALL BURTON H	NYNEX Information Resource Company
	JOSEPH FRANCIS	NYNEX Information Resource Company
	KAYSER CLAUDIA	NYNEX Information Resource Company
	MATYAS BRONISLAVA	NYNEX Information Resource Company
	MC KESSY DARREN J	NYNEX Information Resource Company
	MORA GLEN	NYNEX Information Resource Company
	NEMBHARD DENNIS C	NYNEX Information Resource Company
	PUTHANPURA ULLAS	NYNEX Information Resource Company
	REICH VOITEK	NYNEX Information Resource Company
	REYES MELVIN	NYNEX Information Resource Company
	RING EUGENE	NYNEX Information Resource Company
	ROSA RAYMOND	NYNEX Information Resource Company
	SAMUEL ABRAHAM	NYNEX Information Resource Company
	SCHMIDT INGO	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1990	SCHRAUGER GARY	NYNEX Information Resource Company
	SHETH VANDANA	NYNEX Information Resource Company
	SLAGLE JEFFREY	NYNEX Information Resource Company
	THEVARKATTIL THOMAS	NYNEX Information Resource Company
	THOMAS PONNAMMA	NYNEX Information Resource Company
	TIMLIN A	NYNEX Information Resource Company
	TRACEY PAUL	NYNEX Information Resource Company
	WALLIS JANET M	NYNEX Information Resource Company
	ZLATANOVIC DOBRIVOJE	NYNEX Information Resource Company
1984	SHEER DOUGLAS	New York Telephone
	SHENKER MICHAEL	New York Telephone
	SMITH HELEN	New York Telephone
	STEVENSON SAUNDERS J	New York Telephone
	THOMPSON T	New York Telephone
	WADE GLENN T	New York Telephone
	ABRAHAM M A	New York Telephone
	BROWER S	New York Telephone
	BUNK M J DR	New York Telephone
	COLE DOUGLAS	New York Telephone
	DANDRIDGE WARREN	New York Telephone
	DE LA CRUZ RUBEN	New York Telephone
	GILBERT M	New York Telephone
	KOLDITZ VOLKER	New York Telephone
	MEZZACAPPA THOMAS	New York Telephone
	RIVERA N	New York Telephone
1975	AHMED MOSTAFA	New York Telephone Company
	ALFONSIN EDWARD G	New York Telephone Company
	ALICEA I	New York Telephone Company
	ALY ABDIN	New York Telephone Company
	BACSAK PETER	New York Telephone Company
	BAIN G F	New York Telephone Company
	BALLETTA LOUIS	New York Telephone Company
	BERTHOUD MICHEL	New York Telephone Company
	BIERMAN ROBT	New York Telephone Company
	BLANNING JAS S	New York Telephone Company
	BOENIGER JOHN W	New York Telephone Company
	CHASE V C	New York Telephone Company
	CONNELL A A	New York Telephone Company

FINDINGS

Year	Uses	Source
1975	CONSIDINE J LEO	New York Telephone Company
	CRAVENHO JOHN	New York Telephone Company
	DALY DAVID F	New York Telephone Company
	DANFORTH DONNA	New York Telephone Company
	DINARDO ANTHONY	New York Telephone Company
	DREXLER JOHN J	New York Telephone Company
	DUNLEAVY PATRICK	New York Telephone Company
	DURAND AUGUSTE	New York Telephone Company
	EMEN MICHAEL S	New York Telephone Company
	FAHMEY AHMED	New York Telephone Company
	FAIRLEY D	New York Telephone Company
	FORBES HENRY	New York Telephone Company
	GONZALES HERMAN	New York Telephone Company
	GRACE F J	New York Telephone Company
	HANLEY CHAS D	New York Telephone Company
	HASSAN SAYED I	New York Telephone Company
	HAYDEN WM B	New York Telephone Company
	HOBAN KATHLEEN	New York Telephone Company
	IBRAHAM MONGY	New York Telephone Company
	INTORTAGLIA MICHL	New York Telephone Company
	JACKSON F T SR	New York Telephone Company
	JENKINS JOE JR	New York Telephone Company
	KOLTERMANN ROGER	New York Telephone Company
	KOSH E	New York Telephone Company
	LIEHM ANTONIN	New York Telephone Company
	MAHFOUZ FAIZA	New York Telephone Company
	MANLEY L	New York Telephone Company
	MARTIN EDMUND J	New York Telephone Company
	MATTHEWS JOY G	New York Telephone Company
	MCCARTER M	New York Telephone Company
	MINARDI F	New York Telephone Company
	MYERS DONALD J	New York Telephone Company
	NEUFELD GERALD	New York Telephone Company
	O FLAHERTY GERALD	New York Telephone Company
	O LOUGHLIN EDWARD	New York Telephone Company
	OLSEN JOHN	New York Telephone Company
	OTT H C	New York Telephone Company
	PEREZ JOSEPH	New York Telephone Company

FINDINGS

Year	*Uses*	*Source*
1975	PICKARD WILLIAM A	New York Telephone Company
	RING MICHL J	New York Telephone Company
	ROSS BERNARD	New York Telephone Company
	SABONGUI WAGUIH	New York Telephone Company
	SALEM WAGEE H	New York Telephone Company
	SCHEINHORN T	New York Telephone Company
	SCHELLER CHARLES F JR	New York Telephone Company
	SHEDD FRANCIS H	New York Telephone Company
	VALDERRAMA RICHARD F	New York Telephone Company
	VAN VALKENBURG JOHN	New York Telephone Company
	VILLEGAS M	New York Telephone Company
	WALTHER NORBERT H W	New York Telephone Company
	WILLISON JAMES F	New York Telephone Company
	ZUPKAS MICHAEL	New York Telephone Company
1970	ALBANESE ROBERT	New York Telephone
	ALDEN JOHN R	New York Telephone
	ALFONSIN EDWARD G	New York Telephone
	ANDREASEN HANS	New York Telephone
	BIERMAN ROBT	New York Telephone
	BLANNING JAS S	New York Telephone
	BOYD KENNETH V	New York Telephone
	BRETSCHNEIDER HARRY	New York Telephone
	BROOKS KEVIN P	New York Telephone
	BYINGTON BUB	New York Telephone
	CHASE V	New York Telephone
	CONSIDINE J LEO	New York Telephone
	COUGHLAN M M	New York Telephone
	DALY DAVID F	New York Telephone
	DANFORTH DONNA	New York Telephone
	DA SILVA N	New York Telephone
	DREXLER JOHN J	New York Telephone
	EHRMANN ROBT H	New York Telephone
	EMERY ALEC R	New York Telephone
	ENGSTROM LEONARD	New York Telephone
	ESPOSITO VINCENT R	New York Telephone
	FAMOSO JOSEPH	New York Telephone
	FOLEY THOMAS E	New York Telephone
	FORBES HENRY	New York Telephone

FINDINGS

Year	Uses	Source
1970	GILLICE JAMES T	New York Telephone
	GORCZYCA HENRY	New York Telephone
	GRANT E ALEX	New York Telephone
	GRIMALDI A GUY	New York Telephone
	HADYK DONALD M	New York Telephone
	HAYDEN WM B	New York Telephone
	HEINTSCHEL G	New York Telephone
	HILBRING ANTHONY W	New York Telephone
	HOBAN KATHLEEN	New York Telephone
	HOSCH MICHAEL L	New York Telephone
	HSIAO CHAS F	New York Telephone
	IMLER S	New York Telephone
	INTORTAGLIA MICHL	New York Telephone
	ISAACS JERRY	New York Telephone
	JACKSON F T SR	New York Telephone
	JOHNSTON DOROTHY H	New York Telephone
	JULEON E B	New York Telephone
	KERR H	New York Telephone
	KLEBE WOLFGANG	New York Telephone
	KOTZER GORDON A	New York Telephone
	LADAMEO RENE S	New York Telephone
	LANGELL JAS D	New York Telephone
	LENDZIAN JOHN W	New York Telephone
	MANLEY L	New York Telephone
	MANN V	New York Telephone
	MARSHALL B J JR	New York Telephone
	MARTINES P	New York Telephone
	MATTE JULIAN	New York Telephone
	MATTHEWS JOY G	New York Telephone
	MAYO F R	New York Telephone
	MILLAR GEORGE	New York Telephone
	MORSE GEOFFREY J	New York Telephone
	MORTIMER JAMES J	New York Telephone
	MOYEL JOHN	New York Telephone
	OAKLEY GRANT B	New York Telephone
	O DEA JAMES MICHAEL	New York Telephone
	OTT H C	New York Telephone
	PALMER JAMES	New York Telephone

FINDINGS

Year	Uses	Source
1970	PICKARD WILLIAM A	New York Telephone
	PILKINGTON JACK V	New York Telephone
	PISCHKE CLARENCE A	New York Telephone
	POMEROY ROBERT	New York Telephone
	REITER MAX	New York Telephone
	RICHARDS CHARLES A	New York Telephone
	RING MICHL J	New York Telephone
	RYBA ROBERT A	New York Telephone
	SAAM ROSMARIE	New York Telephone
	SCHMALZER HAROLD W	New York Telephone
	SEMIAN STEPHEN	New York Telephone
	SIRACUSA RICHARD	New York Telephone
	SOLTYS THOMAS	New York Telephone
	SORANNO PATRICK	New York Telephone
	SPIELMAN FRANCES	New York Telephone
	STANTON GERALD	New York Telephone
	STINCHCOMB CARL	New York Telephone
	STONE EDW	New York Telephone
	THOMPSON RALPH	New York Telephone
	TRIVISONNO JOS P	New York Telephone
	WALTER BRUNO	New York Telephone
	WELCH JOHN M	New York Telephone
	WILLISON JAMES F	New York Telephone
	WILTSEY RALPH F	New York Telephone
	WISLIN EDW G	New York Telephone
	ZEUTHEN HENRIK	New York Telephone
	ZIEG JOHN M JR	New York Telephone

66 HAMILTON AVE

Year	Uses	Source
1995	VARUGHESE Joseph	NYNEX

69 HAMILTON AVE

Year	Uses	Source
1990	LUMER MICHAEL	NYNEX Information Resource Company

70 HAMILTON AVE

Year	Uses	Source
2000	Dammik Kudagammana	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Appiah Kunarasa	Cole Information Services
	Y Kuronya	Cole Information Services
	Jennifer Lang	Cole Information Services
	Troy Jackson	Cole Information Services
1995	Ivaran Line receiving & delivery	NYNEX

Hamilton Ave

86 Hamilton Ave

Year	Uses	Source
2014	GRACE CARE ASSOCIATES	EDR Digital Archive
	MY CHILDS 1ST DAY CARE	EDR Digital Archive
	GRACE CARE ASSOCIATES	EDR Digital Archive
	MY CHILDS 1ST DAY CARE	EDR Digital Archive
2010	GRACE CARE ASSOCIATES	EDR Digital Archive
	VASSELL PAULETTE	EDR Digital Archive
	GRACE CARE ASSOCIATES	EDR Digital Archive
	VASSELL PAULETTE	EDR Digital Archive

HAMLITN AVE

36 HAMLITN AVE

Year	Uses	Source
1984	GLEESON M	New York Telephone

HAMLITON AVE

36 HAMLITON AVE

Year	Uses	Source
1990	HORN DAVID	NYNEX Information Resource Company

HAMLTEON AVE

60 HAMLTEON AVE

Year	Uses	Source
1990	TORRES W	NYNEX Information Resource Company

FINDINGS

HAMLTN AVE

23 HAMLTN AVE

Year	Uses	Source
1979	PERRONE MICHAEL	New York Telephone

31 HAMLTN AVE

Year	Uses	Source
1979	PARK TAI	New York Telephone

36 HAMLTN AVE

Year	Uses	Source
1990	ADAMEK MARY	NYNEX Information Resource Company
	BHANDARI P K	NYNEX Information Resource Company
	BROUWER NORMAN	NYNEX Information Resource Company
	ELZAHABY HAMDY A	NYNEX Information Resource Company
	FALTAOOS YVONNE	NYNEX Information Resource Company
	FU TOMMY	NYNEX Information Resource Company
	GONZALES MANUEL	NYNEX Information Resource Company
	ITALIANO PETER	NYNEX Information Resource Company
	JONES P A	NYNEX Information Resource Company
	MARLOWE EVE	NYNEX Information Resource Company
	MC GLOIN K	NYNEX Information Resource Company
	MOY JOHN	NYNEX Information Resource Company
	PATTERSON LARRY	NYNEX Information Resource Company
	SALEM WAGEEH	NYNEX Information Resource Company
	SVEVA FRANK	NYNEX Information Resource Company
	SZELESI JENOE	NYNEX Information Resource Company
	TUNG GEORGE K L	NYNEX Information Resource Company
	ZAKI FAIZA	NYNEX Information Resource Company
1984	LAWSON MARKEY F	New York Telephone
	LECUOMA I	New York Telephone
	LEGGE A	New York Telephone
	LORING ROBERT	New York Telephone
	MALINOWSKI STEPHEN	New York Telephone
	MARIATHASAN DANIEL	New York Telephone
	MARLOWE EVE	New York Telephone
	MASON JAMES B CAPT	New York Telephone
	MCGLOIN K	New York Telephone
	MORDINI STEPHEN A	New York Telephone

FINDINGS

Year	*Uses*	*Source*
1984	MOY JOHN	New York Telephone
	NICOLAOU CONSTANTINOS	New York Telephone
	OSMAN A	New York Telephone
	PANCHELINGAM V	New York Telephone
	PATTERSON LARRY	New York Telephone
	ROGOZINSKI B	New York Telephone
	SALEM WAGEEH	New York Telephone
	SHALABY MAHUD	New York Telephone
	SVEVA FRANK	New York Telephone
	SZELESI JENOE	New York Telephone
	TOKARZEWSKI A	New York Telephone
	TUNG GEORGE K L	New York Telephone
	TZIVELEKIS E	New York Telephone
	WILLIAMS TOM	New York Telephone
	WOLFSON WILLIAM	New York Telephone
	YOUNIS MOH	New York Telephone
	ZELEM DANIEL	New York Telephone
	ABDELMONEIM SALEH	New York Telephone
	ADAMEK MARY	New York Telephone
	BHANDARI P K	New York Telephone
	BRADT JAMES T	New York Telephone
	BRAND J	New York Telephone
	BROUWER NORMAN	New York Telephone
	CAMPBELL D S	New York Telephone
	COOPER WILLIAM F III	New York Telephone
	DI BRIZZI E J	New York Telephone
	EFRS A	New York Telephone
	ELZAHABY HAMDY A	New York Telephone
	ELZAHABY MOHAMMED	New York Telephone
	FALTAOOS YVONNE	New York Telephone
	FANELLI C	New York Telephone
	FARLEY JOSEPH P	New York Telephone
	FU TOMMY	New York Telephone
	GOLDSTEIN STUART C	New York Telephone
	GONZALES MANUEL	New York Telephone
	GORAYSKA A	New York Telephone
	GUMMERSBACH JAY E	New York Telephone
	HUSSAMELDIN SAFWAN	New York Telephone

FINDINGS

Year	Uses	Source
1984	ISRAEL FAIZA ZAKI	New York Telephone
	ITALIANO PETER	New York Telephone
	JONES DAN & PAT	New York Telephone
	LA ROCCA PAUL	New York Telephone
1979	ADAMEK MARY	New York Telephone
	ADKINS C L	New York Telephone
	ARENTOFT KAI	New York Telephone
	BEECHER RAYMOND	New York Telephone
	BEJARANO E	New York Telephone
	BENSON PATRICK	New York Telephone
	BOTZ M	New York Telephone
	BRENNAN JOSEPH	New York Telephone
	BROUWER NORMAN	New York Telephone
	CHATEL K C	New York Telephone
	COOPER WILLIAM F III	New York Telephone
	CRAWFORD GEORGE G	New York Telephone
	CUMMINS WILLIAM	New York Telephone
	DIBRIZZI E J	New York Telephone
	DUQUE G	New York Telephone
	ELLENBERGER LEROY	New York Telephone
	EMBABY HUSSEIN	New York Telephone
	FEDUN OREST	New York Telephone
	FORMICA LEE	New York Telephone
	FORSTER PAUL	New York Telephone
	FU TOMMY	New York Telephone
	GABBERT JOHN	New York Telephone
	GOFFREDO LEONARD	New York Telephone
	GONZALES MANUEL	New York Telephone
	GUMMERSBACH JAY E	New York Telephone
	HANLEY CHAS D	New York Telephone
	HANLEY JOHN	New York Telephone
	HARZEWWSKI K M	New York Telephone
	PIEDEMANN HENRY	New York Telephone
	RABANEI CHAS	New York Telephone
	RAGAB KHALIL	New York Telephone
	RUBY HALINA	New York Telephone
	SALEM WAGEE I	New York Telephone
	SAWIRES REFAAT M	New York Telephone

FINDINGS

Year	Uses	Source
1979	SPINDANGER THOMAS	New York Telephone
	STRYKER M	New York Telephone
	TADROS JOSEPH	New York Telephone
	TALMADGE JEFFREY R	New York Telephone
	TRUOG CLYDE S	New York Telephone
	TUNG GEORGE K L	New York Telephone
	TZLVELEKIS E	New York Telephone
	WALTERS GREGORY	New York Telephone
	WANAMAKER JOHN	New York Telephone
	WASSEF MOURAD K	New York Telephone
	WHALEN JAMES B	New York Telephone
	WHITE JOSEPH B	New York Telephone
	YATES ROBERT A	New York Telephone
	ZAFFOS JACK	New York Telephone
	HUSSAMEIDIM TAMLEM	New York Telephone
	IBRAHIM SOBHY	New York Telephone
	KANDIL ALY	New York Telephone
	KATZ JAY	New York Telephone
	KIELTY EDWARD	New York Telephone
	KRZYKOS PETER	New York Telephone
	LAGDAMEO RONE S	New York Telephone
	LUCIANO F	New York Telephone
	MASON JAMES B CAPT	New York Telephone
	MASSEY DONALD W	New York Telephone
	MCCARTAN THOMAS	New York Telephone
	MOY JOHN	New York Telephone
	MURPHY ROSWELL	New York Telephone
	NEARNTU ALEXANDRU	New York Telephone
	MEWMAN JOS A	New York Telephone
	NICOLAOU CONSTANTINOS	New York Telephone
	OSMAN MOHAMED	New York Telephone
	PATTERSON LARRY	New York Telephone
	PEKURNY JOHN	New York Telephone

41 HAMLTN AVE

Year	Uses	Source
1990	SWEENEY WARREN A	NYNEX Information Resource Company
1984	SWEENEY WARREN A	New York Telephone
1979	SWEENEY WARREN A	New York Telephone

FINDINGS

47 HAMLTN AVE

Year	*Uses*	*Source*
1990	NEBEL JOACHIM	NYNEX Information Resource Company
1984	NEBEL JOACHIM	New York Telephone

50 HAMLTN AVE

Year	*Uses*	*Source*
1979	DUNLEAVY PATRICK	New York Telephone

53 HAMLTN AVE

Year	*Uses*	*Source*
1990	MANNING ROBERT N	NYNEX Information Resource Company
1984	MANNING ROBERT N	New York Telephone
1979	MANNING ROBERT N	New York Telephone

60 HAMLTN AVE

Year	*Uses*	*Source*
1990	CURRELLEY P A	NYNEX Information Resource Company
	DANDRIDGE P	NYNEX Information Resource Company
	DUNLEAVY PATRICK	NYNEX Information Resource Company
	HOLMES C C	NYNEX Information Resource Company
	KUDAGAMMANA DAMMIK	NYNEX Information Resource Company
	LUNDGREN WAYNE	NYNEX Information Resource Company
	MAHFOUZ FAIZA	NYNEX Information Resource Company
	MARBOW ETHEL	NYNEX Information Resource Company
	MULLER HERBERT	NYNEX Information Resource Company
	MURRAY E	NYNEX Information Resource Company
	O GARRO GEORGE	NYNEX Information Resource Company
	ROSA MIGUEL	NYNEX Information Resource Company
	SCHAUDER B	NYNEX Information Resource Company
	THANJAN PAUL K	NYNEX Information Resource Company
1984	CORWIN ALISON	New York Telephone
	CURRELLEY P A	New York Telephone
	DANDRIDGE P	New York Telephone
	DELANEY BORIS	New York Telephone
	DUNLEAVY PATRICK	New York Telephone
	EDWARD FREDERICK A	New York Telephone
	ELANSARY MOHAMED	New York Telephone
	ESTAFANOUS EZZAT M	New York Telephone
	FANTA STEVEN	New York Telephone

FINDINGS

Year	Uses	Source
1984	GEORGE MARIAMMA	New York Telephone
	GUNATILLAKE P A	New York Telephone
	HOLMES C C	New York Telephone
	HOLMES J M	New York Telephone
	JACOB A	New York Telephone
	JACOB JOSEPH	New York Telephone
	JAKES FRANK	New York Telephone
	JAMES ANNAMMA	New York Telephone
	KELLMAN J	New York Telephone
	KINNEY PAUL	New York Telephone
	KINSELLA M	New York Telephone
	KOTTLIZAKOM ZACHARIA	New York Telephone
	KUNZ PETER	New York Telephone
	KURIAN CHACKO	New York Telephone
	KURIAN S	New York Telephone
	LONDON P	New York Telephone
	LUNDGREN WAYNE	New York Telephone
	MAHFOUZ FAIZA	New York Telephone
	MARBOW ETHEL	New York Telephone
	MIMMS ANTONIO	New York Telephone
	MURRAY E	New York Telephone
	O GARRO GEORGE	New York Telephone
	ORTEGA EDDA	New York Telephone
	QUINONES NELSON JR	New York Telephone
	RIBLEY LEE J	New York Telephone
	RING MICHL J	New York Telephone
	ROBITAILLE P DONALD	New York Telephone
	ROSA MIGUEL	New York Telephone
	SCHAUDER B	New York Telephone
	TEMPLE A	New York Telephone
	THANJAN PAUL K	New York Telephone
	THOMAS S	New York Telephone
	ANDERSON NOMIA J	New York Telephone
	BATRA JAMES	New York Telephone
	CARDENAS G	New York Telephone
	CARTER MONICA	New York Telephone
	CHAN LAM HING	New York Telephone
1979	ALLEN P	New York Telephone

FINDINGS

Year	Uses	Source
1979	ALY AHMED	New York Telephone
	BLEI IRA	New York Telephone
	BOTROS MAMDOUH B	New York Telephone
	CANADA J	New York Telephone
	CHASE V C	New York Telephone
	COOPER E	New York Telephone
	DANDRIDGE P	New York Telephone
	DONALDSON ARTHUR	New York Telephone
	EDWARDS E Y	New York Telephone
	EL TABB MOHAMED	New York Telephone
	ESTAFANOUS EZZAT M	New York Telephone
	FAIRLEY D	New York Telephone
	FANTA STEVEN	New York Telephone
	GEORGE M	New York Telephone
	GEORGE MARIAMMA	New York Telephone
	GIACANELLI GERD	New York Telephone
	GILES ROBERT C	New York Telephone
	GRACE F J	New York Telephone
	GREENE TIMOTHY	New York Telephone
	HOBAN KATHLEEN	New York Telephone
	HOLMES J	New York Telephone
	JACOB A	New York Telephone
	JAMES ANNAMMA	New York Telephone
	JERRELLA L	New York Telephone
	JONES V	New York Telephone
	KILROY RONALD	New York Telephone
	KINSELLA M	New York Telephone
	KOLTERMANN ROGER	New York Telephone
	KOTTILZAKOM ZACHARIA	New York Telephone
	LIANG T C	New York Telephone
	LUNDGREN WAYNE	New York Telephone
	MAHFOUZ FAIZA	New York Telephone
	MAHONEY THOMAS	New York Telephone
	MATHEW MARYKUTTY	New York Telephone
	MATHEW RACHEL	New York Telephone
	MCLEMORE S	New York Telephone
	MURRAY E	New York Telephone
	NAIR MEENAKSHIAMMA S	New York Telephone

Year	Uses	Source
1979	NEUFELD GERALD	New York Telephone
	QUINONES NELSON JR	New York Telephone
	RING NICHL J	New York Telephone
	ROSA MIGUEL	New York Telephone
	SCHAUDER B	New York Telephone
	SIEGL MAX	New York Telephone
	STINCHCOMB LAURA	New York Telephone
	STINCHCOMB M	New York Telephone
	THANJAN PAUL K	New York Telephone
	VAN VALKENBURG JOHN	New York Telephone
	VARGHESE PHILIP T	New York Telephone
	VOGLER HANS	New York Telephone
	WARREN STEWART	New York Telephone
	ZACHARIAH ANNAMMA	New York Telephone

68 HAMLTN AVE

Year	Uses	Source
1984	FIZZAROTTI RONALD V	New York Telephone

HAMLTON AVE

60 HAMLTON AVE

Year	Uses	Source
1990	HELLER D	NYNEX Information Resource Company
	TOTURA MICHAEL	NYNEX Information Resource Company

HIMILTON AVE

60 HIMILTON AVE

Year	Uses	Source
1990	SETHURAMAN PRAKASH	NYNEX Information Resource Company

NICHOLAS

2 NICHOLAS

Year	Uses	Source
1990	ARMITAGE DEIRDRE	NYNEX Information Resource Company
	KHAWAJA SYED	NYNEX Information Resource Company
	KISSEL JOHN	NYNEX Information Resource Company
	TARRANT MICHAEL	NYNEX Information Resource Company

Year	Uses	Source
1984	THYBESON FRITJOT	New York Telephone
1975	HASSELL PETER H	New York Telephone Company
1970	HASSELL PETER H	New York Telephone
	MEYER MARJORIE A	New York Telephone
1965	HASSELL PETER H	New York Telephone Company
	MEYER MARJORIE A	New York Telephone Company
1960	RENER JOHN A	New York Telephone Company
	SUNDBERG BERT J	New York Telephone Company
	GRAF FRIEDA MRS	New York Telephone Company
	MEYER MARJORIE A	New York Telephone Company
	RENER ALITA MRS	New York Telephone Company

4 NICHOLAS

Year	Uses	Source
1990	DRISCOLL MARY	NYNEX Information Resource Company
	CRAVEN DAVID	NYNEX Information Resource Company
1984	RYMANOWSKI PETER	New York Telephone
	FRIED STEPHEN W	New York Telephone
	CRAVEN DAVID	New York Telephone
1975	GOTZHEIN EMMA MRS	New York Telephone Company
1970	WALTERS RAYMOND	New York Telephone
	GOTZHEIN EMMA MRS	New York Telephone
1965	MCGEEHAN MARJORIE D MRS	New York Telephone Company
	FLACK WM J	New York Telephone Company
	KLINE LOUIS H	New York Telephone Company
1960	MCGEEHAN MARJORIE D MRS	New York Telephone Company
	FLACK WM J	New York Telephone Company
1928	HELENIUS JOHN O R	New York Telephone
	BARR JOHN R	New York Telephone

6 NICHOLAS

Year	Uses	Source
1984	JORDAN J	New York Telephone
1979	PHOMAS T	New York Telephone
	CHARZEWSKI EDWARD	New York Telephone
1975	CHARZEWSKI EDWARD	New York Telephone Company
	BROGNA D L	New York Telephone Company
1970	MCDERMOTT JOHN J	New York Telephone
	CHARZEWSKI EDWARD	New York Telephone

Year	Uses	Source
1965	MCDERMOTT JOHN J	New York Telephone Company
1960	PETERSEN NELS	New York Telephone Company

30 NICHOLAS

Year	Uses	Source
1990	KELLEY THOMAS	NYNEX Information Resource Company
	YUTA JUNKO	NYNEX Information Resource Company
1979	REYES JULLO	New York Telephone
1970	KOMLOS R W	New York Telephone
1960	LAIDE HENRY F	New York Telephone Company
1928	DICKER H A R	New York Telephone
	POLLOCK A L R	New York Telephone

32 NICHOLAS

Year	Uses	Source
1990	IMOA ABALBERTO	NYNEX Information Resource Company
	THOMPSON NORMAN	NYNEX Information Resource Company
1984	IMOA ABALBERTO	New York Telephone
1979	STAFFER JAMES	New York Telephone
1975	STAFFER JAMES	New York Telephone Company
1970	DELGRIPPO M	New York Telephone
	DOOLEY GREGORY	New York Telephone
1965	CISLUYCIS RICHD	New York Telephone Company
	MACKEY JOHN W	New York Telephone Company
1960	BILLINGSLEY BONNIE D	New York Telephone Company
	HERMANSEN EINAR	New York Telephone Company

Nicholas St

2 Nicholas St

Year	Uses	Source
2014	GRISLEY INDUSTRIES INC	EDR Digital Archive
	GRISLEY INDUSTRIES INC	EDR Digital Archive

NICHOLAS ST

2 NICHOLAS ST

Year	Uses	Source
2005	h Zapffe Carl V	Hill-Donnelly Information Services
	Moon J L v	Hill-Donnelly Information Services

Year	Uses	Source
2005	Hertlein R t	Hill-Donnelly Information Services
2000	W C Neelapriyntha	Cole Information Services
1995	KRIEGL J	NYNEX

4 NICHOLAS ST

Year	Uses	Source
2005	h Liyanage Dhamasri t	Hill-Donnelly Information Services
2000	Ram Singh	Cole Information Services
	Dhamasri Lyanage	Cole Information Services
1995	BONILLA Miguel	NYNEX

Nicholas St

6 Nicholas St

Year	Uses	Source
2014	CLASSIC HAIRBRAIDING	EDR Digital Archive
	MECHANCIAL TECHNOLOGIES GROUP	EDR Digital Archive
	MECHANCIAL TECHNOLOGIES GROUP	EDR Digital Archive
	CLASSIC HAIRBRAIDING	EDR Digital Archive
2010	CLASSIC HAIRBRAIDING	EDR Digital Archive
	MECHANCIAL TECHNOLOGIES GROUP	EDR Digital Archive
	CLASSIC HAIRBRAIDING	EDR Digital Archive
	MECHANCIAL TECHNOLOGIES GROUP	EDR Digital Archive

NICHOLAS ST

6 NICHOLAS ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	CARROLL PL INTS	Cole Information Services
	Nachhattar Singh	Cole Information Services
1995	KUMAR Vijay	NYNEX

9 NICHOLAS ST

Year	Uses	Source
2000	RESIDENCE	Cole Information Services

12 NICHOLAS ST

Year	Uses	Source
1934	Seager Burnley P clk r	R. L. Polk & Co.

FINDINGS

30 NICHOLAS ST

Year	Uses	Source
2005	Holder Joy t	Hill-Donnelly Information Services
2000	Eric James	Cole Information Services
1934	Kohl Margt wid Frank h	R. L. Polk & Co.
	Bothwell Robt G Jr lab r	R. L. Polk & Co.
	Bothwell Robt G Mabel clk B & RRR Co h	R. L. Polk & Co.
	Bothwell John lab r	R. L. Polk & Co.
	Authir Charlotte asst dlr Dept Pub Welfare h	R. L. Polk & Co.

32 NICHOLAS ST

Year	Uses	Source
2005	h Clardy John Av	Hill-Donnelly Information Services
	h Hawkins Kristofer V o	Hill-Donnelly Information Services
2000	Kristofer Hawldns	Cole Information Services
	Carl Zapffe	Cole Information Services
	Lorenzo Palafox	Cole Information Services
	John Clardy	Cole Information Services
1995	TRINITY Franklin	NYNEX
1934	Forbell Lillian wid Chas clk h	R. L. Polk & Co.
	Seager Chas L clk r	R. L. Polk & Co.
	Seager Harriet M wid Jas h	R. L. Polk & Co.
	Shanahan Mary V nurse NY City Farm Colony r	R. L. Polk & Co.
	Seager Jas M clk r	R. L. Polk & Co.

RICHMND TER

130 RICHMND TER

Year	Uses	Source
1979	FRISCH N RT MKT	New York Telephone

150 RICHMND TER

Year	Uses	Source
1990	HEARON EDWIN S	NYNEX Information Resource Company

216 RICHMND TER

Year	Uses	Source
1979	GRAHAM S M	New York Telephone

234 RICHMND TER

Year	Uses	Source
1984	M & M SUPERETTE	New York Telephone

RICHMOND

93 RICHMOND

Year	Uses	Source
1960	HENRY MARY E	New York Telephone Company

97 RICHMOND

Year	Uses	Source
1928	D AIELLO A J R	New York Telephone

121 RICHMOND

Year	Uses	Source
1928	BURKE J C R	New York Telephone

126 RICHMOND

Year	Uses	Source
1928	JOSUE F CNNTR	New York Telephone

140 RICHMOND

Year	Uses	Source
1995	RUDICK Raymond	NYNEX

141 RICHMOND

Year	Uses	Source
1928	SCOTT J R R	New York Telephone

149 RICHMOND

Year	Uses	Source
1960	DI MATTEO MARIO	New York Telephone Company
	RUSSO ROSE J MRS	New York Telephone Company

150 RICHMOND

Year	Uses	Source
1928	YACCARINO L R	New York Telephone

159 RICHMOND

Year	Uses	Source
1934	Libretta Jos msngr r	R. L. Polk & Co.

Year	Uses	Source
1934	Libretta Jas Mary lab	R. L. Polk & Co.

160 RICHMOND

Year	Uses	Source
1934	De Angelo Frank pin boy r	R. L. Polk & Co.
	De Angelo Pasquale pin boy r	R. L. Polk & Co.

232 RICHMOND

Year	Uses	Source
1979	RDJ CORP RL EST	New York Telephone

RICHMOND AVE

93 RICHMOND AVE

Year	Uses	Source
1990	CANE MILTON DPM	NYNEX Information Resource Company
	BENEDICT PAUL B	NYNEX Information Resource Company
	TERRANELLA JOHN DPM	NYNEX Information Resource Company
1984	CANE MILTON DR PODITRST	New York Telephone
1979	CRUZ CALINO	New York Telephone
	CANE MILTON DR PODITRST	New York Telephone
1975	PELLICCI ANTHONY	New York Telephone Company
	CANE MILTON DR PODITRST	New York Telephone Company
1960	BUDDYS TOY SHOP	New York Telephone Company
	TWENTIETH CENTURY NOVELTY CO	New York Telephone Company

97 RICHMOND AVE

Year	Uses	Source
1990	PASSARO D	NYNEX Information Resource Company
	WEXLER S BEDDING	NYNEX Information Resource Company
1984	WEXLERS BEDDING	New York Telephone
1979	WEXLER S BEDDING	New York Telephone
1975	WEXLER JACK	New York Telephone Company
	WEXLER S	New York Telephone Company
1970	WEXLERS	New York Telephone
1965	WEXLER JACK	New York Telephone Company
	WEXLERS	New York Telephone Company
1960	WEXLER JACK	New York Telephone Company
	WEXLER	New York Telephone Company

FINDINGS

98 RICHMOND AVE

Year	Uses	Source
1984	UNIFORMS BY DANSKY	New York Telephone
	HAROLD DANSKY UNIFORMS	New York Telephone
1970	DANSKY SAM GENTS FURNSHGS	New York Telephone

99 RICHMOND AVE

Year	Uses	Source
1990	SKIRLIS ANDREW	NYNEX Information Resource Company
1984	SKILS ANDREW	New York Telephone
1979	SKIRLIS ANDREW	New York Telephone
1975	ELITE LUNCHNET	New York Telephone Company
1970	ELITE LUNCHNET	New York Telephone
1965	BUDDYS DELI LUNCHNET	New York Telephone Company
	VENTAROLA SALVATORE	New York Telephone Company
1960	VENTAROLA SALVATORE	New York Telephone Company
	SAGER S DELCATESN LUNCHNET	New York Telephone Company

121 RICHMOND AVE

Year	Uses	Source
1979	IVORY R L	New York Telephone
1975	WOMENS AMERICAN ORT GREATER S I REGION	New York Telephone Company
	IVORY R L	New York Telephone Company
	GOODMAN GIRARD J DR PODITRST	New York Telephone Company
1970	AVENUE PHARMACY INC	New York Telephone
	KOSAN A STANLEY DNTST	New York Telephone
	LIGGETT-REXALL DRUG STORE	New York Telephone
1965	KOSAN A STANLEY DNTST	New York Telephone Company
	LIGGETT-REXALL DRUG STORE	New York Telephone Company
	AVENUE PHARMACY INC	New York Telephone Company
1960	KELLY RICHD J	New York Telephone Company
	KOSAN A STANLEY DNTST	New York Telephone Company
	KELLY RICHD J	New York Telephone Company
	AVENUE PHARMACY INC	New York Telephone Company
1934	Palace Beauty Parlor RTN Albert Magnotti	R. L. Polk & Co.
1928	KIRBY GEO A DR DENTIST	New York Telephone

123 RICHMOND AVE

Year	Uses	Source
1995	PERRY Devin	NYNEX

Year	Uses	Source
1995	PERRY S D	NYNEX
1984	BALLARD FOREST	New York Telephone
1979	PERRY SARA D	New York Telephone
1965	KUTE N PRETTY SHOP	New York Telephone Company
	DELITE BRIDAL SHOPPE	New York Telephone Company
1960	STONE S SPECIALTY SHOP CHILDRNS & INFNTS WR	New York Telephone Company
	STONE S CHILDRN S SHOP	New York Telephone Company
	MANNY STONE B	New York Telephone Company

124 RICHMOND AVE

Year	Uses	Source
1975	WOOLWORTH F W CO	New York Telephone Company
1970	WOOLWORTH F W CO	New York Telephone
1965	WOOLWORTH F W CO	New York Telephone Company
1960	WOOLWORTH F W CO	New York Telephone Company

125 RICHMOND AVE

Year	Uses	Source
1995	Hey Viv Vintage Clothing	NYNEX
	PALUMBO Anthony	NYNEX
1990	VINTAGE CLOTHING	NYNEX Information Resource Company
1975	WOODS EDW	New York Telephone Company
	WHITE SILK SHOPS	New York Telephone Company
1970	WHITE SILK SHOPS	New York Telephone
	WOODS EDW	New York Telephone
1965	WHITE SILK SHOPS	New York Telephone Company
	WOODS EDW	New York Telephone Company
1960	WHITE DRY GDS STORE	New York Telephone Company
	WHITE SILK SHOPS	New York Telephone Company
	WOODS EDW	New York Telephone Company
1934	Atlas Mme Mrs Bertha Atlas womens furngs	R. L. Polk & Co.

127 RICHMOND AVE

Year	Uses	Source
1984	PET VALLEY DISCOUNT	New York Telephone
1975	EUROPA SHOES	New York Telephone Company
1965	SINGER COMPANY THE SINGER SEWING CNTRS	New York Telephone Company

Year	Uses	Source
1960	SINGER SEWING MACH GO HOUSEHOLD MACHS SALES & SVCE	New York Telephone Company

128 RICHMOND AVE

Year	Uses	Source
1995	Claremont Industries Ltd	NYNEX
1990	CLAREMONT INDUSTRIES LTD	NYNEX Information Resource Company
	PROGRESSIVE DSTRBTRS CO INC	NYNEX Information Resource Company
1984	M DANIELS DRESS LTD 18	New York Telephone
	PROGRESSIVE EMBROIDERY INC	New York Telephone
	FOREMOST DSTRBTRS INC	New York Telephone
1975	TWIN SUPL INC RESTRNT SUPLS	New York Telephone Company
	TWIN SUPL INC RESTRNT EQUIPT	New York Telephone Company
	TWIN SUPL INC RESTRNT SUPLS	New York Telephone Company
1970	TWIN SUPL INC RESTRN SUPLS	New York Telephone
1965	MANHATN FURN CO	New York Telephone Company
1960	MANHATN FURN CO	New York Telephone Company

129 RICHMOND AVE

Year	Uses	Source
1984	MISS NANEHES CANINE COIFFURES	New York Telephone
1975	CORONET GIFT SHOP	New York Telephone Company
1970	CORONET GIFT SHOP	New York Telephone
1965	CORONET GIFT SHOO	New York Telephone Company
1960	CORONET GIFT SHOP	New York Telephone Company

130 RICHMOND AVE

Year	Uses	Source
1975	SAL S MEAT MKT	New York Telephone Company
1965	LOFTS CANDY SHOPS	New York Telephone Company
1960	LOFTS CANDY SHOPS EXECUTIVE OFFICES & FACTORY LI CITY	New York Telephone Company

131 RICHMOND AVE

Year	Uses	Source
1975	SHOE BARN THE	New York Telephone Company
1970	SHOE BARN THE	New York Telephone
1965	GUTTMAN HERMAN	New York Telephone Company
1960	STAR CLOTHING CO	New York Telephone Company

FINDINGS

133 RICHMOND AVE

Year	Uses	Source
1965	SHOE BARN THE	New York Telephone Company
1928	N Y SHOE MKT	New York Telephone

135 RICHMOND AVE

Year	Uses	Source
1970	KAPLAN HARRY & SON SPORTNG GDS	New York Telephone
1965	KAPLAN HARRY & SON SPORTNG GDS	New York Telephone Company
1960	KAPLAN HARRY & SON SPORTNG GDS	New York Telephone Company

137 RICHMOND AVE

Year	Uses	Source
1995	Reiss Whipped Cream Machines Inc	NYNEX
1990	REISS WHIPPED CREAM MACHINES INC	NYNEX Information Resource Company
1975	OVEN BAKE SHOP	New York Telephone Company
1970	OVEN BAKE SHOP	New York Telephone
1965	OVEN BAKE SHOP	New York Telephone Company
1960	OVEN BAKE SHOP	New York Telephone Company

139 RICHMOND AVE

Year	Uses	Source
1984	BUMBREY M	New York Telephone
1975	GOLDWYN JEWELERS LTD	New York Telephone Company
1970	GOODMAN GIRARD J DR PODITRST	New York Telephone
	GOLDWYN RELIABLE JEWELER S	New York Telephone
1965	GOODMAN GIRARD J DR PODITRST	New York Telephone Company
	GOLDWYN RELIABLE JEWELERS	New York Telephone Company
1960	GOLDWYN RELIABLE JEWELERS	New York Telephone Company
	GOODMAN GIRARD J DR CHROPDST	New York Telephone Company

140 RICHMOND AVE

Year	Uses	Source
1960	ROYAL DIAMOND & WATCH CO	New York Telephone Company

142 RICHMOND AVE

Year	Uses	Source
1965	DIXIE VARIETY STORES	New York Telephone Company
1960	POSTERS SHOES	New York Telephone Company

FINDINGS

144 RICHMOND AVE

Year	Uses	Source
1984	LEE S DRUGS	New York Telephone
1979	RITE-ALD DISCOUNT CTRS	New York Telephone
	RITE AID DRUGS INC	New York Telephone
1975	RITE AID DRUGS INC	New York Telephone Company
	RITE-AID DISCOUNT CTRS	New York Telephone Company
1970	MAYNARD S APPARL SHOP INC	New York Telephone
1965	MAYNARD S SHOP INC WOMN S APPRL	New York Telephone Company
1960	MAYNARD S SHOP INC WOMN SAPPRL	New York Telephone Company

146 RICHMOND AVE

Year	Uses	Source
1984	SCHIFF S FURNITURE CO	New York Telephone
1979	SCHIFF S FURNITURE CO	New York Telephone
1975	SCHIFF S FURNITURE CO	New York Telephone Company
1970	KRESS S H & CO	New York Telephone
1965	KRESS S H & CO	New York Telephone Company
1960	FISHER-BEER CO INC 5 10 & 25 CENT STORE	New York Telephone Company
1928	TOMPKINS R G & SONS GENTS FURNISHINGS	New York Telephone

150 RICHMOND AVE

Year	Uses	Source
1995	Dweck Chas M	NYNEX
	Dweck Chas M	NYNEX
	C & D Stores	NYNEX
1975	DWECK CHAS M B	New York Telephone Company
1970	DWECK CHAS M B	New York Telephone
1965	DWECK CHAS M B	New York Telephone Company
1960	MILMAR HOSRY STORES INC	New York Telephone Company

151 RICHMOND AVE

Year	Uses	Source
1995	BRANIGAN John F	NYNEX
	KONOWD	NYNEX
1990	BRANIGAN JOHN F	NYNEX Information Resource Company
	KONOW D	NYNEX Information Resource Company
1984	BETHEL STORE	New York Telephone

FINDINGS

Year	Uses	Source
1984	BRANIGAN JOHN F	New York Telephone
	KENNEDY JOSEPH	New York Telephone
	KONOW D	New York Telephone
	PARADISE T W	New York Telephone
	SCIUQURELEY CHICO	New York Telephone
	TOMPKINS DANIEL	New York Telephone
1979	KONOW D	New York Telephone
	PARADLSE T W	New York Telephone
	RENAUD DAVID	New York Telephone
1975	JAFFREY FLORENCE W MRS	New York Telephone Company
	LATHAN MARY	New York Telephone Company
	VENUS PRODS	New York Telephone Company
	RENAUD P	New York Telephone Company
	RENAUD DAVID	New York Telephone Company
	PARADISE T W	New York Telephone Company
1970	JAFFREY FLORENCE W MRS	New York Telephone
	LATHAN MARY	New York Telephone
	MEYERS FRANK	New York Telephone
	TOMASZEWSKI SIGMUND	New York Telephone
1965	MEYERS FRANK	New York Telephone Company
	TOMASZEWSKI SIGMUND	New York Telephone Company
	DUFFY A	New York Telephone Company
	JAFFREY FLORENCE W MRS	New York Telephone Company
	LOWY JOSEF	New York Telephone Company
1960	TOMASZEWSKI SIGMUND	New York Telephone Company
	MEYERS FRANK	New York Telephone Company
	LOWY JOSEF	New York Telephone Company
	GUNTHORPE URIEL D DDS OFC	New York Telephone Company
	PERRY S DISCOUNT SHOE CNTR	New York Telephone Company
	MORRISON SARAH M	New York Telephone Company
	CRAEFT ANNA MRS	New York Telephone Company

152 RICHMOND AVE

Year	Uses	Source
1965	FRANKEL N WOMN S APPRL	New York Telephone Company
1960	FRANKEL N WOMN S APPRL	New York Telephone Company

FINDINGS

154 RICHMOND AVE

Year	Uses	Source
1995	Martin C H Inc	NYNEX
1975	ALBERT HOSRY STORES	New York Telephone Company
1970	ALBERTS HOSRY STORES	New York Telephone
	ALBERT HOSRY STORES	New York Telephone
1965	ALBERT HOSRY STORES	New York Telephone Company
1960	UNITED SHIRT SHOPS THE	New York Telephone Company

155 RICHMOND AVE

Year	Uses	Source
1995	Judy Sportswear Inc	NYNEX
1990	JUDY SPORTSWEAR INC	NYNEX Information Resource Company
1979	CAPRICE HEATING CORP	New York Telephone
1975	WENOY S BEAUTY SALON	New York Telephone Company
1960	RICHMOND SHOES INC	New York Telephone Company

157 RICHMOND AVE

Year	Uses	Source
1970	HUTTS DRESS SHOP	New York Telephone
1965	HUTTS DRESS SHOP	New York Telephone Company

159 RICHMOND AVE

Year	Uses	Source
1979	ACADEMY GAMES OF CHANCE INC	New York Telephone
1975	CRAFT TV	New York Telephone Company
1960	BRADYS YOUTH CNTR	New York Telephone Company

161 RICHMOND AVE

Year	Uses	Source
1984	J D C DISTRIBUTORS INC	New York Telephone
1970	NATL SHOE STORES INC NO 83	New York Telephone
1965	NATL SHOE STORES INC NO 83	New York Telephone Company

162 RICHMOND AVE

Year	Uses	Source
1975	RUBENSTEIN S WOMNS APPRL	New York Telephone Company
	FEINBERG EMANUEL B	New York Telephone Company
1970	RUBENSTEINS WOMNSAPPRL	New York Telephone
	FEINBERG EMANUEL B	New York Telephone
1965	RUBENSTEIN S WOMNS APPRL	New York Telephone Company

Year	Uses	Source
1965	FEINBERG EMANUEL B	New York Telephone Company
1960	FEINBERG EMANUEL B	New York Telephone Company

163 RICHMOND AVE

Year	Uses	Source
1990	CH MARTIN FABRICS	NYNEX Information Resource Company
1979	CH MARTIN FABRICS	New York Telephone
1975	C H MARTIN FABRICS	New York Telephone Company
1970	HOWARD CLOTHES	New York Telephone
1965	HOWARD CLOTHES	New York Telephone Company
1960	RIPLEY CLOTHES	New York Telephone Company
	WILLOWBROOK FLORIST	New York Telephone Company

164 RICHMOND AVE

Year	Uses	Source
1990	TIRONE S SHOE STORE	NYNEX Information Resource Company
	BUSTER BROWN SHOES	NYNEX Information Resource Company
1984	TIRONE S SHOE STORE	New York Telephone
	BUSTER BROWN SHOES	New York Telephone
1979	BUSTER BROWN SHOES	New York Telephone
	TIRONE S SHOE STORE	New York Telephone
1975	TIRONES SHOE STORE	New York Telephone Company
	BUSTER BROWN SHOES	New York Telephone Company
1970	LEVENTHAL SHOE CO	New York Telephone
	MICHAELS SHOES	New York Telephone
1965	LEVENTHAL SHOE CO	New York Telephone Company
	MICHAELS SHOES	New York Telephone Company
1960	MICHAELS FAMOUS SHOES	New York Telephone Company
	LEVENTHAT SHOE CO	New York Telephone Company

165 RICHMOND AVE

Year	Uses	Source
1984	STATEN ISLAND CABINET FRONTS INC	New York Telephone
	SICF INC	New York Telephone
1975	LAROSA FRANK PASTRY SHOP	New York Telephone Company
1970	LAROSA FRANK PASTRY SHOP	New York Telephone
1965	LA ROSA FRANK PASTRY SHOP	New York Telephone Company
1960	NATL SHOE STORES INC	New York Telephone Company
	TRUNZ INC MT PRODS	New York Telephone Company

166 RICHMOND AVE

Year	Uses	Source
1979	MILES SHOES	New York Telephone
1975	MILES SHOES	New York Telephone Company
1965	MILES SHOES	New York Telephone Company

167 RICHMOND AVE

Year	Uses	Source
1995	MTW Check Cash	NYNEX
	WESTERN UNION	NYNEX
	MTW Check Cashing	NYNEX
	CHECK CASHING M T W CORP	NYNEX
1990	WESTERN UNION CONSUMER SERVICES TO PICK UP OR SEND MONEY OR MESSAGES	NYNEX Information Resource Company
	CHECK CASHING M T W CORP	NYNEX Information Resource Company
1984	CHECK CASHING M T W CORP	New York Telephone
	WESTERN UNION AGENTS-	New York Telephone
1979	LEE S CHECK CASHING	New York Telephone
1965	GOLDSTEIN LOUIS B	New York Telephone Company
	LU CELES FASHNS	New York Telephone Company
1960	LU CELES FASHNS	New York Telephone Company
	GOLDSTEIN LOUIS B	New York Telephone Company

169 RICHMOND AVE

Year	Uses	Source
1995	Pauls Economy Pharmcy Inc orscrntr dept	NYNEX
1975	PAUL S ECONOMY PHARMCY INC PRSCRPTN DEPT	New York Telephone Company
1970	PAULS ECONOMY PHARMCY INC PRSCRPTN DEPT	New York Telephone
1965	PAULS ECONOMY PHARMACY PRESCRPTN DEPT	New York Telephone Company
1960	PAUL S ECONOMY PHARMACY	New York Telephone Company
	PAUL S ECONOMY PHARMACY PRESCRPTN DEPT	New York Telephone Company

181 RICHMOND AVE

Year	Uses	Source
1990	CITIBANK N A 24 HOUR CITICARD BANKING CENTERS	NYNEX Information Resource Company
1984	CITIBANK N A MONEY MARKET BRANCH SALES	New York Telephone

FINDINGS

Year	Uses	Source
1979	CITIBANK N A -	New York Telephone
1975	FIRST NATIONAL CITY BANK	New York Telephone Company
	CITIBANK	New York Telephone Company
1970	FIRST NATL CITY BANK PORT RICHMOND	New York Telephone
1965	FIRST NATL CITY BANK -	New York Telephone Company
1960	MARINER HARBOR NATL BANK THE	New York Telephone Company
	RICHMOND COUNTY NATL BANK OF PORT RICHMOND	New York Telephone Company

183 RICHMOND AVE

Year	Uses	Source
1984	CLEMENTS GEOFFREY H PHTOGPHR	New York Telephone
1979	GONZALEZ GEORGE L	New York Telephone
	ROBB DECORATORS	New York Telephone
1975	ROBB DECORATORS	New York Telephone Company
	ROSA MITCHELL	New York Telephone Company
	CALLAHAN CATHERINE	New York Telephone Company
	MIELCAREK VINCENT J ADVTG	New York Telephone Company
1970	BERTS GIFT SHOP	New York Telephone
	CALLAHAN CATHERINE	New York Telephone
	MIELCAREK VINCENT J ADVTY	New York Telephone
	NILSEN N S JR	New York Telephone
1965	BERTS GIFT SHOP	New York Telephone Company
	GRIMMICH ERNEST A	New York Telephone Company
	MATTHIUS HAROLD F RL EST	New York Telephone Company
	MATTHIUS HAROLD G RL EST & INS	New York Telephone Company
	MIELCAREK VINCENT J ARTST	New York Telephone Company
1960	BERTS BATH SHOP	New York Telephone Company
	BERTS GIFT SHOP	New York Telephone Company
	CALLAHAN CATHERINE	New York Telephone Company
	CURRAN SOPHIE E MRS B	New York Telephone Company
	PAZDER JOHN J	New York Telephone Company
	BERLE JOS B	New York Telephone Company

185 RICHMOND AVE

Year	Uses	Source
1984	GONZALEZ V	New York Telephone
1975	GOOTENBERG H OPTMTRST	New York Telephone Company
	HIGHT CHARLES CPA	New York Telephone Company

Year	Uses	Source
1970	GOOTENBERG H OPTMTRST	New York Telephone
	BLEIMAN MORTIMER M PUB ACCTNT	New York Telephone
1965	GOOTENBERG H OPTMTRST	New York Telephone Company
	BLEIMAN MORTIMER M PUB ACCTNT	New York Telephone Company
1960	GOOTENBERG H OPTMTRST	New York Telephone Company
	BLEIMAN MORTIMER M PUB ACCTNT	New York Telephone Company

187 RICHMOND AVE

Year	Uses	Source
1995	New Dinette The	NYNEX
1990	NEW DINETTE THE	NYNEX Information Resource Company
1984	NEW DINETTE THE	New York Telephone
1975	BRUNO S RESTRNT	New York Telephone Company
1970	DINETTE THE	New York Telephone
1965	DINETTE THE	New York Telephone Company
1960	DINETTE THE	New York Telephone Company

189 RICHMOND AVE

Year	Uses	Source
1995	Bobs Seven Bs	NYNEX
1990	BOB S SEVENBS	NYNEX Information Resource Company
1984	LIZ-ROB MKTS INC	New York Telephone
1975	BENSONHURST MEAT MKT	New York Telephone Company
	BENSONHURST MEAT MKT	New York Telephone Company
1970	TRUNZ INC MT PRODS	New York Telephone
1965	TRUNZ INC MT PRODS	New York Telephone Company

191 RICHMOND AVE

Year	Uses	Source
1995	Qualified Capital	NYNEX
1990	GARLINGTON JEAN	NYNEX Information Resource Company
1984	COMPOSTO M	New York Telephone
1979	STUDIO FLORISTS	New York Telephone
	STUDIO FLORIST	New York Telephone
	BRIDAL ARTS STUDIO	New York Telephone
	COMPOSTO FRANK	New York Telephone
	COMPOSTO H	New York Telephone
1975	BRIDAL ARTS STUDIO	New York Telephone Company
	COMPOSTO FRANK	New York Telephone Company

Year	Uses	Source
1975	STUDIO FLORIST	New York Telephone Company
	STUDIO FLORISTS	New York Telephone Company
1965	RABINOWITZ BENJ LIQRS & WINES	New York Telephone Company
	SAFRAN S LIQUOR STORE	New York Telephone Company
1960	RABINOWITZ BENJ LIQRS & WINES	New York Telephone Company
	MIELCAREK VINCENT J ARTST	New York Telephone Company
	MATTHIUS HAROLD G RL EST & INS	New York Telephone Company
	MATTHIUS HAROLD F RL EST	New York Telephone Company
	SAFRAN S LIQUOR STORE	New York Telephone Company

193 RICHMOND AVE

Year	Uses	Source
1975	SAFRAN S LIQUOR STORE	New York Telephone Company
	RABINOWITZ BENJ R IQRS & WINES	New York Telephone Company
1970	RABINOWITZ BENJ R LQRS & WINES	New York Telephone
	SAFRAN S LIQUOR STORE	New York Telephone
1965	SI SEWING CNTR INC	New York Telephone Company
	ARKING KIDDIE SHOP	New York Telephone Company
1960	ARKING KIDDIE SHOP	New York Telephone Company
	KUTE N PRETTY SHOP	New York Telephone Company

196 RICHMOND AVE

Year	Uses	Source
1975	MAZ-CARDORAMA	New York Telephone Company
1970	JACOBS B F	New York Telephone
	LORRAINES MILLINERY	New York Telephone
1965	JACOBS B F	New York Telephone Company
1960	CREIGHTON THOS	New York Telephone Company
	JACOBS B F	New York Telephone Company
	LORRAINES MILLINERY	New York Telephone Company

199 RICHMOND AVE

Year	Uses	Source
1979	PRECISE FLOOR COVERING	New York Telephone
1970	MODESTOS RESTRNT INC	New York Telephone
	BROSNAN B MISS	New York Telephone
1965	MODESTOS SANDWICH SHOP	New York Telephone Company
	BROSNAN B MISS	New York Telephone Company
1960	SALOMON MARTIN CONFCTRY	New York Telephone Company

FINDINGS

Year	Uses	Source
1960	HIRSH JEWELERS & OPTCNS	New York Telephone Company
	BROSNAN B	New York Telephone Company

200 RICHMOND AVE

Year	Uses	Source
1995	Tripharm Inc	NYNEX
1990	TRIPHARM INC	NYNEX Information Resource Company
1975	MAIBAUER ROBT INC DRUGS	New York Telephone Company
	MILLMAN MARTIN	New York Telephone Company
1970	MAIBAUER ROBT INC DRUGS	New York Telephone
1965	ROBERTS CORSET SHOPPE	New York Telephone Company
	MAIBAUER ROBT INC DRUGS	New York Telephone Company
	ROBERTS ANNA CORSETR	New York Telephone Company
1960	ROBERTS CORSET SHOPPE	New York Telephone Company
	MAIBAUER ROBT INC DRUGS	New York Telephone Company
	ROBERTS ANNA CORSETR	New York Telephone Company

201 RICHMOND AVE

Year	Uses	Source
1995	F & P J Pizzeria	NYNEX
1990	F & J PIZZERIA	NYNEX Information Resource Company
1984	F & J PIZZERIA	New York Telephone
1975	PORTERA JOS	New York Telephone Company
	PORTERA S FRUITS	New York Telephone Company
1970	PORTERA V FRUITS	New York Telephone
	PORTERA JOS	New York Telephone
1965	PORTERA V FRUITS	New York Telephone Company
	PORTERA JOS	New York Telephone Company
1960	PORTERA V FRUITS	New York Telephone Company
	PORTERA JOS	New York Telephone Company

202 RICHMOND AVE

Year	Uses	Source
2005	Sceusa Cari G MD IP o	Hill-Donnelly Information Services
	Lamia James MD IP	Hill-Donnelly Information Services
1979	F & J PIZZERIA	New York Telephone
1975	GALER SAMUEL DDS OFC	New York Telephone Company
	F & J PIZZERIA	New York Telephone Company
1970	GALER SAMUEL DDS OFC	New York Telephone

FINDINGS

Year	Uses	Source
1965	SCHNEIDER FLORENCE M	New York Telephone Company
	HAROLD THE HATTER	New York Telephone Company
	GALER SAMUEL DDS OFC	New York Telephone Company
1960	HAROLD THE HATTER	New York Telephone Company
	DISTADIO ANNA MRS	New York Telephone Company
	GALER SAMUEL DDS OFC	New York Telephone Company

203 RICHMOND AVE

Year	Uses	Source
2005	Miceli Peter J MD 1 P	Hill-Donnelly Information Services
	Palombini Matthew MD i P	Hill-Donnelly Information Services
	Parisi Luigi 3 MD 1 P	Hill-Donnelly Information Services
	Pepe John MD 1 P	Hill-Donnelly Information Services
	Peter J Miceli PC I P	Hill-Donnelly Information Services
1995	Dick Bailey Printers	NYNEX
	Apellate Printing	NYNEX
	Atlantic Arms	NYNEX
	Atlantic Photo	NYNEX
1990	ATLANTIC ARMS	NYNEX Information Resource Company
	ATLANTIC PHOTO	NYNEX Information Resource Company
1984	BAILEY DICK PRNTNG SVCE	New York Telephone
1979	THE TRAIN SET	New York Telephone
	TRAIN SET THE	New York Telephone
1975	SHEPARD FURNTR CO	New York Telephone Company
1970	SHEPARD FURNTR CO	New York Telephone

204 RICHMOND AVE

Year	Uses	Source
1995	Ynares Cecilia MD	NYNEX
1984	PORT RICHMOND MEDICAL	New York Telephone
1979	DEW DALE RECORDS	New York Telephone
	RANDAZZO S	New York Telephone
1975	DEWDALE RECORDS	New York Telephone Company
	GABBY S DEW DALE RECORD CENTER	New York Telephone Company
1970	BUSTER BROWN SHOES	New York Telephone
	TIRONE S SHOE STORE	New York Telephone
1965	POLL PARROT SHOES	New York Telephone Company
	TIRONIE S SHOE STORE	New York Telephone Company
1960	FARDELLA ANTHONY A	New York Telephone Company

FINDINGS

Year	Uses	Source
1960	POLL PARROT SHOES	New York Telephone Company
	TIRONES SHOE STORE	New York Telephone Company

205 RICHMOND AVE

Year	Uses	Source
1995	High Extreme Salon	NYNEX
1990	JOE WOYCH INC	NYNEX Information Resource Company
1984	VELOTTA ARTHUR	New York Telephone
	M & B PAINTING & CONSTR CORP	New York Telephone
1979	PLAGIRL BOUTIQUE INC	New York Telephone
1975	PLAYGIRL BOUTIQUE INC	New York Telephone Company
1970	NEUMANN S HOSRY SHOP INC	New York Telephone
1965	NEUMANN S HOSRY SHOP INC	New York Telephone Company
1960	NEUMANN S HOSRY SHOP INC	New York Telephone Company

207 RICHMOND AVE

Year	Uses	Source
2005	Mccormack Patricia C MD	Hill-Donnelly Information Services
1995	Richmond Dry Cleaners	NYNEX
1990	RICHMOND DRY CLEANERS	NYNEX Information Resource Company
1984	RICHMOND DRY CLEANERS	New York Telephone
	HORVATH THOMAS	New York Telephone
1979	HORVATH ROBERT	New York Telephone
1975	RICHMOND DRY CLEANRS INC	New York Telephone Company
	HORVATH ROBERT	New York Telephone Company
1970	RICHMOND DRY CLEANRS INC	New York Telephone
1965	BERTOLDO THERESA MRS	New York Telephone Company
1960	BERTOLDO THERESA MRS	New York Telephone Company
1928	ROBERTS JOS DRY GDS	New York Telephone

208 RICHMOND AVE

Year	Uses	Source
2005	Schiller Jeffrey MD i P	Hill-Donnelly Information Services
1970	STECHMANN S CONFTRY	New York Telephone
1965	STECHMANN S CONFTRY	New York Telephone Company
	REIMER W	New York Telephone Company
1960	STECHMANN S CONFTRY	New York Telephone Company
	BOCKWOLDT JENS	New York Telephone Company
1928	STEPHENS R W MUSIC SHOP	New York Telephone

FINDINGS

209 RICHMOND AVE

Year	Uses	Source
1995	Number One Chinese Kitchen	NYNEX
1990	CHINA KING RESTRNT	NYNEX Information Resource Company
1984	CHINA KING RESTRNT	New York Telephone
1975	REED S JEWELERS	New York Telephone Company
	RUSSEL-REED INC JWLRS	New York Telephone Company
1970	RUSSEL REED INC JWLRS	New York Telephone
	REED S JEWELERS	New York Telephone
1965	REED S JEWELERS	New York Telephone Company
	RUSSEL-REED INC IWLRS	New York Telephone Company
1960	REEDS JEWELERS	New York Telephone Company
	RUSSEL-REED INC JWLRS	New York Telephone Company

210 RICHMOND AVE

Year	Uses	Source
1995	KANE James	NYNEX
	TERRITO Frank	NYNEX
1990	PEZZOLI RAYMOND J ESQ	NYNEX Information Resource Company
1984	JACOBI MORDECAI J ATTY	New York Telephone
	GLAZER ROBERT N	New York Telephone
	ABBEY GEOGRAPHICS	New York Telephone
1979	SIEGHARDT GEORGE A ATTY	New York Telephone
	SIEGHARDT GEORGE ATTY	New York Telephone
	SIEGHARDT GEORGE ATTY	New York Telephone
	JACOBI SIDNEY ATTY	New York Telephone
	JACOBI MORDECAI J ATTY	New York Telephone
	JACOBI D ALESSANDRO & JACOBI ATTYS	New York Telephone
	D ALESSANDRO CIELLA ATTY	New York Telephone
1975	BRUNO JOHN J	New York Telephone Company
	MELODY ANN IDS SPCLTY SHOP	New York Telephone Company
	SIEGHARDT GEORGE ATTY	New York Telephone Company
	JACOBI SIDNEY ATTY	New York Telephone Company
	JACOBI MORDECAI J ATTY	New York Telephone Company
	JACOBI D ALESSANDRO & JACOBI ATTYS	New York Telephone Company
	D ALESSANDRO CLELIA ATTY	New York Telephone Company
	SIEGHARDT GEORGE A ATTY	New York Telephone Company
	SIEGHARDT GEORGE ATTY	New York Telephone Company

FINDINGS

Year	Uses	Source
1970	BIFULCO PASQUALE LWYR	New York Telephone
	BRUNO JOHN J	New York Telephone
	MELODY ANN IDS SPCLTY SHOP	New York Telephone
	JACOB SIDNEY LWYR	New York Telephone
	D ALESSANDRO CLELIA LWYR	New York Telephone
1965	BRUNO JOHN J	New York Telephone Company
	D ALESSANDRO CLELIA LWYR	New York Telephone Company
	ENGELBERG GEO E	New York Telephone Company
	JACOBI SIDNEY LWYR	New York Telephone Company
	MELODY ANN IDS SPCLTY SHOP	New York Telephone Company
	BIFULCO PASQUALE LWYR	New York Telephone Company
1960	ARTHUR MURRAY DANCE STUDIO	New York Telephone Company
	BRUNO JOHN R	New York Telephone Company
	MELODY ANN IDS SPCLTY SHOP	New York Telephone Company

220 RICHMOND AVE

Year	Uses	Source
1995	House Of Beauty	NYNEX
1990	OBASANYA OLASENI	NYNEX Information Resource Company
	HOUSE OF BEAUTY	NYNEX Information Resource Company
	BED BARN INC	NYNEX Information Resource Company
1984	CATHY S BEAUTY AIDES	New York Telephone
1979	DOMESTIC FINANCE CORPORATION	New York Telephone
	HOUSE OF BEAUTY	New York Telephone
	LINDNER INS AGENCY	New York Telephone
	LINDNER LEO ACCTNT	New York Telephone
	LINDNER MEYER ATTY	New York Telephone
	SI MENTAL HEALTH SOC SI CHILDRENS COMMUNITY MENTAL HEALTH CETNTER	New York Telephone
1975	LINDNER MEYER ATTY	New York Telephone Company
	ROSEMARY S BEAUTY SALON	New York Telephone Company
	LINDNER INS AGENCY	New York Telephone Company
	LINDNER LEO ACCTNT	New York Telephone Company
	DOMESTIC CREDIT CORP	New York Telephone Company
	DOMESTIC FINANCE CORPORATIONS STATEN ISLAND	New York Telephone Company
1970	DOMESTIC CREDIT CORP	New York Telephone
	DOMESTIC FINANCE CORPORATIONS STATEN ISLAND	New York Telephone

Year	Uses	Source
1970	MITTHAUER JOHN R DDS	New York Telephone
	ROMER J A DDS	New York Telephone
1965	BRENNAN & CHEEK INC INS	New York Telephone Company
	BRENNAN & CHEEK INC INS	New York Telephone Company
	GENL PUBLIC DEALER CONTRACTS CO INC	New York Telephone Company
	GENL PUBLIC LOAN CORP STATEN ISLAND OFFICES	New York Telephone Company
	MITTHAUER JOHN R DDS	New York Telephone Company
	O CONNOR JOS P RL EST	New York Telephone Company
	PROVIDENCE WASHGTN INS CO	New York Telephone Company
	ROMER J A DDS	New York Telephone Company
1960	D ALESSANDRO CLELIA LWYR	New York Telephone Company
	BRENNAN & CHEEK INC INS	New York Telephone Company
	BIFULCO P PATK IWYR	New York Telephone Company
	GENL PUBLIC LOAN CORP STATEN ISLAND OFFICES	New York Telephone Company
	JACOBI SIDNEY LWYR	New York Telephone Company
	MITTHAUER JOHN R DDS	New York Telephone Company

221 RICHMOND AVE

Year	Uses	Source
1995	Northfield Savings Bank Branches	NYNEX
1990	NORTHFIELD SAVINGS BANK	NYNEX Information Resource Company
1984	NORTHFIELD SAVINGS BANK	New York Telephone
	NORTHFIELD SAVINGS BANK	New York Telephone
	RICHMOND COUNTY TRICENTENNIAL COMMITTEE INC	New York Telephone
1979	NORTHFIELD SAVINGS BANK MAIN OFFICE	New York Telephone
1975	NORTHFIELD SAVINGS BANK MAIN OFC	New York Telephone Company
1970	HOLZKA JOS SAVGS & LOAN	New York Telephone
	NORTHFIELD SAVINGS & LOAN ASSN MAIN OFC	New York Telephone
1965	HOLZKA JOS SAVNGS & LOAN	New York Telephone Company
	NORTHFIELD SAVINGS & LOAN ASS MAIN OFC	New York Telephone Company
1960	HOLZKA JOS SAVNGS & LOAN	New York Telephone Company
	NORTHFIELD SAVINGS & LOAN ASSN MAIN OFC	New York Telephone Company

223 RICHMOND AVE

Year	Uses	Source
1965	URBACH S YARN & FABRIC CNTR	New York Telephone Company
1960	URBACH S YARN & FABRIC CNTR	New York Telephone Company
1928	HARRIS J MRS R	New York Telephone

224 RICHMOND AVE

Year	Uses	Source
1984	BACKSTAGE UNISEX HAIR DESIGN	New York Telephone
1979	ISLAND DISTRBTRS	New York Telephone
1970	DEWDALE RECORDS	New York Telephone
1965	DEW-ALE RECORDS	New York Telephone Company

225 RICHMOND AVE

Year	Uses	Source
1984	LUPARI THOM DESIGRS	New York Telephone
1975	URBACHS YARN & FABRIC CNTR OF PORT RICHMOND INC	New York Telephone Company
1970	URBACH S YARN & FABRIC CNTR OF PORT RICHMOND INC	New York Telephone
1960	FOOD FARM SUPER MKT	New York Telephone Company

226 RICHMOND AVE

Year	Uses	Source
1990	RALPH J INC	NYNEX Information Resource Company
	IRA OGUSH LTD	NYNEX Information Resource Company
	RALPH J INC	NYNEX Information Resource Company
1979	NORTHFIELD SAVINGS BANK	New York Telephone
	SCHMIDT CARL DMD	New York Telephone
1975	MUTUAL SAVINGS & LOAN ASSN OF RICHMOND CNTY	New York Telephone Company
	OHALEK STEPHEN J ATTY	New York Telephone Company
	SCHMIDT ARTHUR DDS	New York Telephone Company
1970	MUTUAL SAVINGS & LOAN ASSN OF RICHMOND CNTY	New York Telephone
	OHALEK STEPHEN J ATTY	New York Telephone
	SCHMIDT ARTHUR DDS	New York Telephone
1965	GERKE WM E JR ATTY	New York Telephone Company
	KAMINSKI J OFC	New York Telephone Company
	MUTUAL SAVINGS & LOAN ASSN OF RICHMOND CNTY	New York Telephone Company
	OHALEK STEPHEN J ATTY	New York Telephone Company

FINDINGS

Year	Uses	Source
1965	PAGGIOLI JOHN E IWYR	New York Telephone Company
	RICHMOND COUNTY REALTY CORP	New York Telephone Company
	SCHMIDT ARTHUR DDS	New York Telephone Company
1960	MUTUAL SAVINGS & LOAN ASSN QF RICHMOND CNTY	New York Telephone Company
	OHALEK STEPHEN J ATTY	New York Telephone Company
	PAGGIOLI JOHN E LWYR	New York Telephone Company
	RICHMOND COUNTY REALTY CORP	New York Telephone Company
	SCHMIDT ARTHUR DDS B	New York Telephone Company
	GERKE WM E JR ATTY	New York Telephone Company
	KAMINSKI J OFC	New York Telephone Company

227 RICHMOND AVE

Year	Uses	Source
1984	DIGIOIA MICHAEL	New York Telephone
1979	ZARRELLI JOSEPH	New York Telephone
	ZARRELLI JOSEPH V GENERAL CONTRACTORS INC	New York Telephone
1975	ZARRELLI JOSEPH	New York Telephone Company
	ZARRELLI CONSTR CO INC	New York Telephone Company
	M & N SHEET ROCK & TAPING INC	New York Telephone Company
	DISCOUNT FOOD & THRIFT BREAD STORE	New York Telephone Company
1970	LEEDS SHOP FOR MEN	New York Telephone
1965	LEED S SHOP FOR MEN	New York Telephone Company
1960	STERNER FRANK B & CO INC RL EST & INS	New York Telephone Company
	POLSKY FUR CO	New York Telephone Company
	POLSKY DRESSES & SPORTSWR	New York Telephone Company

228 RICHMOND AVE

Year	Uses	Source
1995	Used Appliance Outlet	NYNEX
1984	USED APPLIANCE OUTLET	New York Telephone
1979	USED APPLIANCE OUTLET	New York Telephone
1975	ISLAND GO CART CO INC TOYS	New York Telephone Company
	TWINKLE STAR TOYS	New York Telephone Company
1970	ISLAND GO CART CO INC TOYS	New York Telephone
1965	ISLAND GO CART CO INC TOYS	New York Telephone Company
	TWINKLE STAR TOYS	New York Telephone Company
1960	DARLING BABY CARRIAGE CO	New York Telephone Company

FINDINGS

229 RICHMOND AVE

Year	Uses	Source
1995	Richmond Cleaners	NYNEX
1984	LAMBERTI GENE UPHLSTR	New York Telephone
1979	LAMBERTI GENE UPHLSTR	New York Telephone
	CASTLETON UPHLSTRNG CO	New York Telephone
	CASTLETON FURNITURE CO	New York Telephone
1975	LAMBERTI GENE UPHLSTR	New York Telephone Company
	CASTLETON UPHLSTRNG CO	New York Telephone Company
	CASTLETON FURNITURE CO	New York Telephone Company
1965	GOODMAN MAURICE DDS	New York Telephone Company
1960	GOODMAN MAURICE DD S	New York Telephone Company
	LORSTAN STUDIOS PHTOGPHRS	New York Telephone Company

231 RICHMOND AVE

Year	Uses	Source
1979	SHEPARD FURNITURE CO	New York Telephone
1928	BENSETLER J RSTRNT	New York Telephone

232 RICHMOND AVE

Year	Uses	Source
1979	QUINNS DRESS SHOP	New York Telephone
	DUCASSE PIERRE L B	New York Telephone
	QUINN S BRIDAL SHOP	New York Telephone
1975	QUINNS DRESS SHOP	New York Telephone Company
	DUCASSE PIERRE L B	New York Telephone Company
1970	LORSTAN STUDIOS PHTOGPHRS	New York Telephone
1965	LORSTAN STUDIOS PHTOGPHRS	New York Telephone Company
1960	BELL MILDRED B	New York Telephone Company
	P & G SPORTSWR	New York Telephone Company
	PARISIENNE PANEL GIRDLS	New York Telephone Company

233 RICHMOND AVE

Year	Uses	Source
1984	TRILOGY	New York Telephone
1970	WEINSTEIN ABRAHAM OPTMTRST	New York Telephone
1965	WEINSTEIN ABRAHAM OPTMTRST	New York Telephone Company
1960	EMILE TRAVEL BUR	New York Telephone Company
	ARNOLD TRAVEL BUR	New York Telephone Company
	PRUSSACK S CHARM SHOP DRSES	New York Telephone Company

FINDINGS

234 RICHMOND AVE

Year	Uses	Source
1984	SILVERMAN MILTON H ACCTNT	New York Telephone
1979	SILVERMAN MILTON H ACCTNT	New York Telephone
1975	GOLDSTEIN ALBERT A DDS OFC	New York Telephone Company
	SILVERMAN MILTON H ACCTNT	New York Telephone Company
	THE THIRD SPOT	New York Telephone Company
1970	GOLDSTEIN ALBERT A DDS OFO	New York Telephone
1965	JUNIOR DEB APPRL	New York Telephone Company
	GOLDSTEIN ALBERT A DDS OFC	New York Telephone Company
1960	JUNIOR DEB TEEN SHOP	New York Telephone Company
	GOLDSTEIN ALBERT A DDS OFC	New York Telephone Company
1934	ROYAL DIAMOND & WATCH CO INC Lloyd H Lawrence Sideny Gold Mgrs Credit Jewelers to the Natien	R. L. Polk & Co.

235 RICHMOND AVE

Year	Uses	Source
1995	Baron Michael A lawyer	NYNEX
1975	RICHMOND HOME CENTER INC	New York Telephone Company
1960	WOLF S DELCATESN	New York Telephone Company

236 RICHMOND AVE

Year	Uses	Source
1995	Corkys	NYNEX
1990	CORKY S	NYNEX Information Resource Company
1984	CORKYS CAFE SI	New York Telephone
1979	CHED S CAFE INC	New York Telephone
1975	CHED S CAFE INC	New York Telephone Company
1970	SALER FANNIE MRS	New York Telephone
1965	DEEKEN DOROTHY R	New York Telephone Company
	GOAL POST INN INC	New York Telephone Company
1960	RITZ TAVERN	New York Telephone Company
1934	Serviceable Beauty Parlor Ralph and Frank Ciccarelli	R. L. Polk & Co.

238 RICHMOND AVE

Year	Uses	Source
1979	ANGELINA S RESTRNT	New York Telephone
1975	ANGELINA S RESTRNT	New York Telephone Company
1960	QUINN DAVID	New York Telephone Company

FINDINGS

Year	Uses	Source
1934	Dobbins Frank P Theo osteopathic phys	R. L. Polk & Co.

239 RICHMOND AVE

Year	Uses	Source
1965	HATCHES MENS SHOP	New York Telephone Company

240 RICHMOND AVE

Year	Uses	Source
1970	QUINN S DRESS SHOP	New York Telephone
	DUCASSE PIERRE L B	New York Telephone
1965	WAGON WHEEL COLONIAL FURN	New York Telephone Company
	QUINNS DRESS SHOP	New York Telephone Company
	DUCASSE PIERRE L B	New York Telephone Company
1960	WAGON WHEEL COLONIAL FURN	New York Telephone Company

242 RICHMOND AVE

Year	Uses	Source
1990	SCHINSKI RAYMOND ACCOUNTANT	NYNEX Information Resource Company
1975	RICHMOND CURTN STORE	New York Telephone Company
	SMUCKLER S HOME DECORATORS	New York Telephone Company
1970	RICHMOND CURTN STORE	New York Telephone
	SMUCKLER S HOME DECORATORS	New York Telephone
1965	RICHMOND CURTN STORE	New York Telephone Company
	SMUCKLER S HOME DECORATORS	New York Telephone Company
1960	RICHMOND CURTN STORE	New York Telephone Company
	SMUCKLER S HOME DECORATORS	New York Telephone Company

244 RICHMOND AVE

Year	Uses	Source
1990	STAR VIDEO	NYNEX Information Resource Company
1960	CARLSON INGRID MRS	New York Telephone Company

245 RICHMOND AVE

Year	Uses	Source
1990	ROBB DECORATORS INC	NYNEX Information Resource Company
1984	ROBB DECORATORS INC	New York Telephone
	RAY HANSEN UPHOLSTERY	New York Telephone
1965	FASHION BARN	New York Telephone Company
1960	UNION CLOTHING CO	New York Telephone Company

FINDINGS

Year	Uses	Source
1934	Cole Rex Inc Mhn Willard W Bartlett mgr elec refrigerators	R. L. Polk & Co.
1928	COLE REX INC REFRIGERATORS	New York Telephone

246 RICHMOND AVE

Year	Uses	Source
1990	GONZALEZ MIGUEL	NYNEX Information Resource Company
1979	WAGNER STANLEY	New York Telephone
1975	L A SALES	New York Telephone Company
1965	ANGELINAS PIZZERIA	New York Telephone Company
1960	ANTONINI PLINIO	New York Telephone Company
	ANGELINA S PIZZERIA	New York Telephone Company

248 RICHMOND AVE

Year	Uses	Source
1990	M & Y FASHION	NYNEX Information Resource Company
1984	PAPPY S RESTRNT & DELI INC	New York Telephone
1979	PAPPY S DEL	New York Telephone
1975	PAPPY S DEL	New York Telephone Company
1965	PAPPY S BUFFET CATERING	New York Telephone Company
	PAPPY S FINE FOODS CORP	New York Telephone Company
1960	SULLIVAN F HARVEY CHRPRCTR	New York Telephone Company
	PAPPY S BUFFET CATERING	New York Telephone Company
	VIRONE FRANCIS M CHRPRCTR	New York Telephone Company
	PAPPY S FINE FOODS CORP	New York Telephone Company

105A RICHMOND AVE

Year	Uses	Source
1970	LIBBYS APPAREL	New York Telephone
1965	LIBBYS APPAREL	New York Telephone Company
1960	JOHN S BARGAIN STORES	New York Telephone Company

165L RICHMOND AVE

Year	Uses	Source
1965	HETZEL LAWRENCE E	New York Telephone Company

207L RICHMOND AVE

Year	Uses	Source
1965	CUTTING AL	New York Telephone Company
	DIXON EVELYN MRS	New York Telephone Company

238B RICHMOND AVE

Year	Uses	Source
1975	BUCHTER MARTIN	New York Telephone Company

239L RICHMOND AVE

Year	Uses	Source
1975	WAGON WHEEL THE	New York Telephone Company

131 1/2 RICHMOND AVE

Year	Uses	Source
1984	KERIZME BEAUTY SALON	New York Telephone
1975	KELERN FOOTWEAR OUTLET INC	New York Telephone Company
1965	MATERNITY FASHN SHOPPE	New York Telephone Company
	MARY S BEAUTY SALON	New York Telephone Company
1960	MOSCHELLA MARY BTY SLN	New York Telephone Company
	MARY S BEAUTY SALON	New York Telephone Company

154 1/2 RICHMOND AVE

Year	Uses	Source
1990	MARTIN C H INC	NYNEX Information Resource Company
1975	MARTIN C H INC	New York Telephone Company

RICHMOND CT

121 RICHMOND CT

Year	Uses	Source
2000	Sids Pants Shp Crp	Cole Information Services

125 RICHMOND CT

Year	Uses	Source
2000	Hey Viv Vintage	Cole Information Services

128 RICHMOND CT

Year	Uses	Source
2000	Clrmnt Indsrs Ltd	Cole Information Services

137 RICHMOND CT

Year	Uses	Source
2000	Reiss Whipped Crm	Cole Information Services

147 RICHMOND CT

Year	Uses	Source
2000	General Nutri Ctr	Cole Information Services

187 RICHMOND CT

Year	Uses	Source
2000	The New Dinette	Cole Information Services

221 RICHMOND CT

Year	Uses	Source
2000	Nrthfld Svngs Bk	Cole Information Services

224 RICHMOND CT

Year	Uses	Source
2000	Kay Toy & Hobby Shp	Cole Information Services

228 RICHMOND CT

Year	Uses	Source
2000	Used Appl Outlet	Cole Information Services

229 RICHMOND CT

Year	Uses	Source
2000	Richmond Cleaners	Cole Information Services

235 RICHMOND CT

Year	Uses	Source
2000	Glazer R N Atty	Cole Information Services

249 RICHMOND CT

Year	Uses	Source
2000	Number One Chin	Cole Information Services

RICHMOND RD

160 RICHMOND RD

Year	Uses	Source
1979	MICALL D	New York Telephone
	CIMMINO FRANCESCO	New York Telephone

166 RICHMOND RD

Year	Uses	Source
2005	HFuscaldo P	Hill-Donnelly Information Services

FINDINGS

171 RICHMOND RD

Year	Uses	Source
1960	PEYTON GERARD	New York Telephone Company

173 RICHMOND RD

Year	Uses	Source
1928	GARRAMONE JOS R	New York Telephone

179 RICHMOND RD

Year	Uses	Source
1995	Grancova Cargo Express	NYNEX
1928	CARLSON A R	New York Telephone

196 RICHMOND RD

Year	Uses	Source
1965	NORTH C	New York Telephone Company
1934	Venditti Pasquale Mary lab H	R. L. Polk & Co.

201 RICHMOND RD

Year	Uses	Source
1928	NUGENT A M MRS R	New York Telephone

203 RICHMOND RD

Year	Uses	Source
1995	ARAQUE L	NYNEX

206 RICHMOND RD

Year	Uses	Source
1960	M & M AUTO BODY SHOP	New York Telephone Company

211 RICHMOND RD

Year	Uses	Source
1995	KARUNARATNE Mdh	NYNEX

220 RICHMOND RD

Year	Uses	Source
1990	TARATKO L	NYNEX Information Resource Company

230 RICHMOND RD

Year	Uses	Source
1984	XAVIER WHOLESALE FLORIST INC	New York Telephone

238 RICHMOND RD

Year	Uses	Source
1995	Carney Janet Dr DPM	NYNEX

239 RICHMOND RD

Year	Uses	Source
1928	CONNETT S F R	New York Telephone

249 RICHMOND RD

Year	Uses	Source
1995	AAA Answering Svce	NYNEX

RICHMOND STREET TER

204 RICHMOND STREET TER

Year	Uses	Source
1970	MATAMOROS C MRS	New York Telephone

208 RICHMOND STREET TER

Year	Uses	Source
1970	JOHNSON FRANK L	New York Telephone

242 RICHMOND STREET TER

Year	Uses	Source
1970	SINISI JOS S	New York Telephone

Richmond Ter

75 Richmond Ter

Year	Uses	Source
2014	S I RAPID TRANSIT OPERATING	EDR Digital Archive
	LENGENDS HOSPITALITY	EDR Digital Archive
	VOLUME SERVICES INC	EDR Digital Archive
	STATEN ISLAND MINOR LEAGUE	EDR Digital Archive
	STATEN ISLAND MINOR LEAGUE	EDR Digital Archive
	VOLUME SERVICES INC	EDR Digital Archive
	S I RAPID TRANSIT OPERATING	EDR Digital Archive
	LENGENDS HOSPITALITY	EDR Digital Archive
2010	STATEN ISLAND MINOR LEAGUE	EDR Digital Archive
	VOLUME SERVICES INC	EDR Digital Archive
	S I RAPID TRANSIT OPERATING	EDR Digital Archive

Year	Uses	Source
2010	S I RAPID TRANSIT OPERATING	EDR Digital Archive
	VOLUME SERVICES INC	EDR Digital Archive
	STATEN ISLAND MINOR LEAGUE	EDR Digital Archive

RICHMOND TER

138 RICHMOND TER

Year	Uses	Source
1995	HARBOR VIEW MOTOR CARS	NYNEX

Richmond Ter

140 Richmond Ter

Year	Uses	Source
2014	NEW YORK CITY HOUSING AUTH	EDR Digital Archive
	NEW YORK CITY HOUSING AUTH	EDR Digital Archive
2010	HOUSING AUTHORITY NEW YORK CY	EDR Digital Archive
	HOUSING AUTHORITY NEW YORK CY	EDR Digital Archive

RICHMOND TER

140 RICHMOND TER

Year	Uses	Source
2005	Staten Island Housing Auth	Hill-Donnelly Information Services
	Mental Hygiene Dept G	Hill-Donnelly Information Services
2000	N Y City Housing	Cole Information Services
1995	YMCA Counsaling Service	NYNEX
	Family Court	NYNEX
	VICTIM SERVICES	NYNEX
1990	CAMELOT OF STATEN ISLAND INC	NYNEX Information Resource Company
1984	SI MENTAL HEALTH SOC FAMILY RESOURCES	New York Telephone
	JEWISH BOARD OF FAMILY & CHILDREN S SVCES	New York Telephone
	JEWISH ED OF FAMILY & CHILDREN SVCES INC	New York Telephone

FINDINGS

Richmond Ter

150 Richmond Ter

Year	Uses	Source
2014	PROJECT HOSPITALITY INC	EDR Digital Archive
	PROJECT HOSPITALITY INC	EDR Digital Archive
2010	VAHFCN VETERANS OUTREACH	EDR Digital Archive
	PROJECT HOSPITALITY INC	EDR Digital Archive
	AD LITE ELECTRIC	EDR Digital Archive
	VETERANS HEALTH ADMINISTRATION	EDR Digital Archive
	VAHFCN VETERANS OUTREACH	EDR Digital Archive
	PROJECT HOSPITALITY INC	EDR Digital Archive
	VETERANS HEALTH ADMINISTRATION	EDR Digital Archive
	AD LITE ELECTRIC	EDR Digital Archive

RICHMOND TER

150 RICHMOND TER

Year	Uses	Source
2005	US Veterans Outreach Ctr	Hill-Donnelly Information Services
	US Veterans Ctr IP 8s	Hill-Donnelly Information Services
	Project Hospitality Shine Ctr	Hill-Donnelly Information Services
2000	STUYVESANT PL INTS	Cole Information Services
	Vtrns Adm Vtam Era	Cole Information Services
	Vtrns Adm Vet Ctr	Cole Information Services
	B Project H I V Serv	Cole Information Services
	Building U S Govt Vtrns Adm	Cole Information Services
	Project Hospty	Cole Information Services
1995	Vet Center	NYNEX
	Vietnam Era Outreach Ctr	NYNEX
1990	BIG BOY DISCOUNT DAIRY	NYNEX Information Resource Company
	DONUT HUT	NYNEX Information Resource Company
	UNHIEM ARNE	NYNEX Information Resource Company
1984	BIG BOY DISCOUNT DAIRY SI	New York Telephone
	DONUT HUT	New York Telephone
	TERRACE LAUNDROMAT	New York Telephone
1979	DONUT HUT	New York Telephone
	MONAHAN A M	New York Telephone

153 RICHMOND TER

Year	Uses	Source
1995	O P EIU Local	NYNEX

158 RICHMOND TER

Year	Uses	Source
1995	FINK E G	NYNEX

Richmond Ter

160 Richmond Ter

Year	Uses	Source
2014	STARS & STRIPES CAFE INC	EDR Digital Archive
	STARS & STRIPES CAFE INC	EDR Digital Archive
2010	VILLAGE GRILLING & GREENS CORP	EDR Digital Archive
	OLD FASHIONED DONUTS INC	EDR Digital Archive
	VILLAGE GRILLING & GREENS CORP	EDR Digital Archive
	OLD FASHIONED DONUTS INC	EDR Digital Archive

RICHMOND TER

160 RICHMOND TER

Year	Uses	Source
2005	Country Donuts 11 R	Hill-Donnelly Information Services
1965	TERRACE PARKING SYSTM	New York Telephone Company

168 RICHMOND TER

Year	Uses	Source
1970	TERRACE SVCE STA	New York Telephone
1965	STUYVESANT SVCE STA	New York Telephone Company
1960	STUYVESANT SVCE STA	New York Telephone Company

171 RICHMOND TER

Year	Uses	Source
2000	194 NP	Cole Information Services

197 RICHMOND TER

Year	Uses	Source
2005	h Avila Jose	Hill-Donnelly Information Services

FINDINGS

Richmond Ter

198 Richmond Ter

Year	Uses	Source
2010	MANDO MAGICIAN	EDR Digital Archive
	MANDO MAGICIAN	EDR Digital Archive

RICHMOND TER

198 RICHMOND TER

Year	Uses	Source
2005	Cruz Carlos v	Hill-Donnelly Information Services
	William Keck v	Hill-Donnelly Information Services
	Chestnut Honesha v O	Hill-Donnelly Information Services
	Carey Paul	Hill-Donnelly Information Services
2000	Jose Ayala	Cole Information Services
	Maurice Jones	Cole Information Services
	Louis Simons	Cole Information Services
	Hazuki Takahashi	Cole Information Services
1995	Nicholas Associates	NYNEX
	Nexcom Naval Station	NYNEX
	CHENG Shu Yi	NYNEX
	CORNWELI Jonathan	NYNEX
	JAMISON Walter	NYNEX
	KASHIWABARA Minako	NYNEX
	MOCHIZUKI Fumiaki	NYNEX
1990	JAMESON WALTER	NYNEX Information Resource Company
1979	WOODS CHARLES R	New York Telephone
	CORBETT M	New York Telephone
1975	WOODS CHARLES R	New York Telephone Company
	GREGG CHARLES E DR	New York Telephone Company
	GALLAGHER M H	New York Telephone Company
	CORBETT M	New York Telephone Company
	BOWMAKER THOS	New York Telephone Company
1965	REMUZZI BARBARA S	New York Telephone Company
	CASTALDO PETER E	New York Telephone Company
1960	DAVIS DONALD	New York Telephone Company
	GALLAGHER MARILYN	New York Telephone Company
	JOHNSON FRANK L	New York Telephone Company

Richmond Ter

204 Richmond Ter

Year	Uses	Source
2014	HELLMAN STANLEY	EDR Digital Archive
	HELLMAN STANLEY	EDR Digital Archive
2010	HELLMAN STANLEY	EDR Digital Archive
	HELLMAN STANLEY	EDR Digital Archive

RICHMOND TER

204 RICHMOND TER

Year	Uses	Source
2005	h Levin Robin v	Hill-Donnelly Information Services
	h Edwards Bobbie 0 o	Hill-Donnelly Information Services
2000	Robin Levin	Cole Information Services
	Martin Murphy	Cole Information Services
1995	LEVIN Robin	NYNEX
1979	CLARK CHRISTINA	New York Telephone
	KING BRIAN	New York Telephone
	LEPHAN MARILYN	New York Telephone
1975	GREEN ALAN H	New York Telephone Company
	CHAPMAN M	New York Telephone Company
1970	MARIANO CATHERINE A	New York Telephone
1965	MARIANO CATHERINE A	New York Telephone Company
	MANZI ROGER B	New York Telephone Company
1960	CONNELLY AGNES	New York Telephone Company
	MANZI ROGER B	New York Telephone Company
	MARIANO CATHERINE A	New York Telephone Company

208 RICHMOND TER

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	216 NP	Cole Information Services
	NICHOLAS ST INTS	Cole Information Services
1995	DABDOUB Jack	NYNEX
	HIGGINS Gregory	NYNEX
	KARIM Ahsanul	NYNEX
	MONICAL William	NYNEX
1979	POOLE THOMAS M	New York Telephone

Year	Uses	Source
1960	CALLAHAN JOHN J	New York Telephone Company

216 RICHMOND TER

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
1975	GRAHAM S M	New York Telephone Company
1970	GRAHAM S M	New York Telephone
1965	GRAHAM S M	New York Telephone Company
1960	GRAHAM S M	New York Telephone Company

221 RICHMOND TER

Year	Uses	Source
1934	Wisniewski Wm Bronis lab h	R. L. Polk & Co.

Richmond Ter

224 Richmond Ter

Year	Uses	Source
2014	ALCOVE RESTORATION INC	EDR Digital Archive
	ALCOVE RESTORATION INC	EDR Digital Archive

RICHMOND TER

228 RICHMOND TER

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services

232 RICHMOND TER

Year	Uses	Source
1984	RDJ CORP RL EST	New York Telephone
	D ALESSANDRO RUDOLPH	New York Telephone
1979	D ALESSANDRO RUDOLPH RL EST INS	New York Telephone
	D ALESSANDRO RUDOLPH	New York Telephone
1975	D ALESSANDRO RUDOLPH RL EST INS	New York Telephone Company
	R D J CORP RL EST	New York Telephone Company
1965	FLOR FRED M GROCRY	New York Telephone Company
1960	FLOR FRED M GROCRY	New York Telephone Company

FINDINGS

Richmond Ter

234 Richmond Ter

Year	Uses	Source
2014	M & M SUPERETTE INC (NOT INC)	EDR Digital Archive
	M & M SUPERETTE INC (NOT INC)	EDR Digital Archive
2010	M & M SUPERETTE INC (NOT INC)	EDR Digital Archive
	M & M SUPERETTE INC (NOT INC)	EDR Digital Archive

RICHMOND TER

234 RICHMOND TER

Year	Uses	Source
2005	M & M Superette 1 R	Hill-Donnelly Information Services
2000	M & M Superetta	Cole Information Services
1995	M & M Superette	NYNEX

Richmond Ter

236 Richmond Ter

Year	Uses	Source
2014	DAUGHTERS OF ST PAUL INC	EDR Digital Archive
	DAUGHTERS OF ST PAUL INC	EDR Digital Archive

RICHMOND TER

240 RICHMOND TER

Year	Uses	Source
2005	Abeyrathne Sudasinghe v	Hill-Donnelly Information Services
	HSingh J O	Hill-Donnelly Information Services
1990	ERICKSON SUSAN	NYNEX Information Resource Company
1984	BISSONNETTE ROBERT	New York Telephone
1979	BISSONNETTE H	New York Telephone
1965	MAGNOTTA PAUL	New York Telephone Company
	WILLMOT JOHN	New York Telephone Company
1960	CHIN TSZ CHING	New York Telephone Company
	CHIN TSZ CHING	New York Telephone Company

242 RICHMOND TER

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2000	Nelson Caliz	Cole Information Services
	Judy Flood	Cole Information Services
1990	AURELIA ALAN	NYNEX Information Resource Company
	SPINELLI P	NYNEX Information Resource Company
1984	DORRELL LAWRENCE P	New York Telephone
	DONOHUE M P	New York Telephone
1979	NELSON BONNIE E	New York Telephone
1965	TERRANA CHAS J	New York Telephone Company
	GUARDINO CHAS	New York Telephone Company
1960	GUARDINO CHAS	New York Telephone Company
1934	Cahill Cath C clk r	R. L. Polk & Co.

248 RICHMOND TER

Year	Uses	Source
2005	h Commons Thomas A	Hill-Donnelly Information Services
	Banholzer Peter o	Hill-Donnelly Information Services
2000	Ahsanul Karim	Cole Information Services
	F Alice Gating	Cole Information Services
	Apartments	Cole Information Services
1990	ROTIMI ENITAN	NYNEX Information Resource Company
	PARADIS JEAN	NYNEX Information Resource Company
1984	RILEY RICHARD	New York Telephone
	DOWD K SI	New York Telephone
1979	MCCLURA H	New York Telephone
	MACETRICK ROBERT	New York Telephone
1970	VELA ANTHONY	New York Telephone
	COMMONS THOS	New York Telephone
1965	COMMONS THOS	New York Telephone Company
1960	BROWN MOLLIE L MRS	New York Telephone Company
	WILLMOT JOHN	New York Telephone Company
	FILLOU NICK	New York Telephone Company
	COMMONS THOS	New York Telephone Company

185L RICHMOND TER

Year	Uses	Source
1965	ISLAND TILE CO INC	New York Telephone Company

FINDINGS

RICRMOND TER

140 RICRMOND TER

Year	Uses	Source
1990	ALCOHOL COUNSELING SVCE	NYNEX Information Resource Company

SAINT MARKS PL

145 SAINT MARKS PL

Year	Uses	Source
1928	BEARMAN H W R MARKS PL	New York Telephone

153 SAINT MARKS PL

Year	Uses	Source
1965	BERARDINI M	New York Telephone Company
	BIVOLCIC MILDRED	New York Telephone Company
	BYRNE GERTRUDE MRS	New York Telephone Company
	BYRNE GERTRUDE MRS	New York Telephone Company
	CASTLETON APTS	New York Telephone Company
	COUTURE PHILIP G	New York Telephone Company
	DENNEHY JOHN J	New York Telephone Company
	DEWITT J A	New York Telephone Company
	FISCHER LISA MRS	New York Telephone Company
	GOLDEN JOHN B	New York Telephone Company
	GROSS ALFRED C MRS	New York Telephone Company
	HALL THOS K	New York Telephone Company
	HOLLOWAY B L	New York Telephone Company
	MCGOWAN A J MRS	New York Telephone Company
	MCGOWAN EDW J	New York Telephone Company
	MCKEE R LOWE MRS	New York Telephone Company
	NICHOLS EDW A	New York Telephone Company
	NICHOLS FRED A R ADM	New York Telephone Company
	ROCK PATK	New York Telephone Company
	STERNER BURTON L MD	New York Telephone Company
	WARD M M	New York Telephone Company
	WEBER C ARTHUR REV	New York Telephone Company
1960	BAKER IRVING B	New York Telephone Company
	BAXTER MAUD	New York Telephone Company
	BERARDINI M	New York Telephone Company
	BIVOLCIC MILDRED	New York Telephone Company

FINDINGS

Year	Uses	Source
1960	CASTLETON APTS	New York Telephone Company
	COLLINS DOROTHY K	New York Telephone Company
	COUTURE PHILIP G	New York Telephone Company
	DENNISON W A	New York Telephone Company
	DE WITT J A	New York Telephone Company
	FUNCK GEO A	New York Telephone Company
	GOLDEN JOHN B	New York Telephone Company
	GROSS ALFRED MRS	New York Telephone Company
	HALL THOS K	New York Telephone Company
	HOLLOWAY B L	New York Telephone Company
	HOPPIN E C MRS	New York Telephone Company
	MCGOWAN A J MRS	New York Telephone Company
	MCGOWAN EDW J	New York Telephone Company
	MCKEE R LOWE MRS	New York Telephone Company
	PEARSON LILY	New York Telephone Company
	STERNER BURTON L MD	New York Telephone Company
	WARD M M	New York Telephone Company
	WEBER C ARTHUR REV	New York Telephone Company

Saint Marks Pl

165 Saint Marks Pl

Year	Uses	Source
2014	ASSEMBLY OF BELIEVERS CHURCH	EDR Digital Archive
	MARY KAY COSMETICS	EDR Digital Archive
	G&B RGHTWAY PEST CTRL JNTR SVC	EDR Digital Archive
	RITAS HOUSE AND OFFICES	EDR Digital Archive
	SHERMAN SOLUTIONS	EDR Digital Archive
	OPHELIAS SERVICE	EDR Digital Archive
	COAKER MARVIN	EDR Digital Archive
	SAIDI M NAIM	EDR Digital Archive
	COYLE MEDIA	EDR Digital Archive
	HIRED4CHANGE	EDR Digital Archive
	RITAS HOUSE AND OFFICES	EDR Digital Archive
	MARY KAY COSMETICS	EDR Digital Archive
	SHERMAN SOLUTIONS	EDR Digital Archive
	G&B RGHTWAY PEST CTRL JNTR SVC	EDR Digital Archive
	OPHELIAS SERVICE	EDR Digital Archive
	COAKER MARVIN	EDR Digital Archive

FINDINGS

Year	Uses	Source
2014	SAIDI M NAIM	EDR Digital Archive
	ASSEMBLY OF BELIEVERS CHURCH	EDR Digital Archive
	HIRED4CHANGE	EDR Digital Archive
	COYLE MEDIA	EDR Digital Archive
2010	HIRED4CHANGE	EDR Digital Archive
	COYLE MEDIA	EDR Digital Archive
	SAIDI M NAIM	EDR Digital Archive
	COAKER MARVIN	EDR Digital Archive
	OPHELIAS SERVICE	EDR Digital Archive
	MAR-KAY INC	EDR Digital Archive
	RITAS HOUSE AND OFFICES	EDR Digital Archive
	MOULTRIE ADV INC	EDR Digital Archive
	MARY KAY COSMETICS	EDR Digital Archive
	ASSEMBLY OF BELIEVERS CHURCH	EDR Digital Archive
	HIRED4CHANGE	EDR Digital Archive
	COYLE MEDIA	EDR Digital Archive
	ASSEMBLY OF BELIEVERS CHURCH	EDR Digital Archive
	SAIDI M NAIM	EDR Digital Archive
	COAKER MARVIN	EDR Digital Archive
	OPHELIAS SERVICE	EDR Digital Archive
	MAR-KAY INC	EDR Digital Archive
	MARY KAY COSMETICS	EDR Digital Archive
	MOULTRIE ADV INC	EDR Digital Archive
	RITAS HOUSE AND OFFICES	EDR Digital Archive

SAINT MARKS PL

165 SAINT MARKS PL

Year	Uses	Source
1975	JACK PARKER CONSTR CO	New York Telephone Company

Saint Marks Pl

185 Saint Marks Pl

Year	Uses	Source
2014	UNITED CEREBRAL PALSY OF NY CY	EDR Digital Archive
	CASTLETON PARK MAINTENANCE	EDR Digital Archive
	ALL RATES AGENCY	EDR Digital Archive
	ST MARK PLACE ASSOCIATES LLC	EDR Digital Archive

FINDINGS

Year	Uses	Source
2014	OLAV BOUTIQUE	EDR Digital Archive
	MANGIN MEDIA LLC	EDR Digital Archive
	ST MARK PLACE ASSOCIATES LLC	EDR Digital Archive
	ALL RATES AGENCY	EDR Digital Archive
	CASTLETON PARK MAINTENANCE	EDR Digital Archive
	OLAV BOUTIQUE	EDR Digital Archive
	UNITED CEREBRAL PALSY OF NY CY	EDR Digital Archive
	MANGIN MEDIA LLC	EDR Digital Archive
2010	Q P APPAREL	EDR Digital Archive
	CARING HEARTS AND LOVING HOMES	EDR Digital Archive
	DIPLOMATIC TREATM	EDR Digital Archive
	ROBERT H BRIGGS A CORP	EDR Digital Archive
	MIDWEST LAUNDRY EXPRESS	EDR Digital Archive
	INSPECTION MANAGEMENT	EDR Digital Archive
	ALL RATES AGENCY	EDR Digital Archive
	CASTLETON PARK MAINTENANCE	EDR Digital Archive
	BALOGUN MUFUTAU	EDR Digital Archive
	ST MARK PLACE ASSOCIATES LLC	EDR Digital Archive
	EMMAS BLOSSOM	EDR Digital Archive
	EXCEL BRADSHAW MGT GROUP LLC	EDR Digital Archive
	UNITED CEREBRAL PALSY OF NY CY	EDR Digital Archive
	Q P APPAREL	EDR Digital Archive
	CARING HEARTS AND LOVING HOMES	EDR Digital Archive
	DIPLOMATIC TREATM	EDR Digital Archive
	ROBERT H BRIGGS A CORP	EDR Digital Archive
	MIDWEST LAUNDRY EXPRESS	EDR Digital Archive
	UNITED CEREBRAL PALSY OF NY CY	EDR Digital Archive
	INSPECTION MANAGEMENT	EDR Digital Archive
	ALL RATES AGENCY	EDR Digital Archive
	EXCEL BRADSHAW MGT GROUP LLC	EDR Digital Archive
	EMMAS BLOSSOM	EDR Digital Archive
	CASTLETON PARK MAINTENANCE	EDR Digital Archive
	BALOGUN MUFUTAU	EDR Digital Archive
	ST MARK PLACE ASSOCIATES LLC	EDR Digital Archive

FINDINGS

SAINT MARKS PL

185 SAINT MARKS PL

Year	Uses	Source
1984	FLYNN JOSEPH A ATTY	New York Telephone
	MC DONALD SEAN & SHERRY	New York Telephone
	WILLS D P	New York Telephone
1975	CASTLETON PARK HOUSES	New York Telephone Company
	BLOOMFIELD MECHANICAL CONTRCTNG INC	New York Telephone Company
	BRADSHAW MANAGMNT ASSOCS INC	New York Telephone Company

189 SAINT MARKS PL

Year	Uses	Source
1928	HENSZEY SAML A JR R	New York Telephone

191 SAINT MARKS PL

Year	Uses	Source
1965	PARKER VINCENT J	New York Telephone Company
	WALSH THOS J	New York Telephone Company
	STEFFEN WM S	New York Telephone Company
	SIEMERING V	New York Telephone Company
	WILLARD E M	New York Telephone Company
	DUVAL L G	New York Telephone Company
	HAYES JOHN J	New York Telephone Company
	HENDERSON ROBT	New York Telephone Company
	JOYNER SARAH T	New York Telephone Company
	KELLY E M	New York Telephone Company
	LAIDE HENRY F	New York Telephone Company
	BROWN AUSTIN L MRS	New York Telephone Company
	BANNON GEO C	New York Telephone Company
1960	THORN A G MRS	New York Telephone Company
	STEFFEN WM S	New York Telephone Company
	SPRUTH EMMA A MRS	New York Telephone Company
	SIEMERING VIOLET	New York Telephone Company
	PAINE LEWIS C	New York Telephone Company
	O BRIEN WM J	New York Telephone Company
	JOYNER SARAH T	New York Telephone Company
	FOSTER SUSAN	New York Telephone Company
	FOSTER GEO JR	New York Telephone Company

FINDINGS

Year	Uses	Source
1960	EASTMAN BESS	New York Telephone Company
	DUVAL L G	New York Telephone Company
	BROWN AUSTIN L	New York Telephone Company
	BANNON GEO C	New York Telephone Company

197 SAINT MARKS PL

Year	Uses	Source
1965	GRIMSHAW C D	New York Telephone Company
1960	LONG VICTOR J	New York Telephone Company
	ODENTHAL GROVER T	New York Telephone Company
1928	KILDUFF M MAC G MAI R	New York Telephone

Saint Marks Pl

199 Saint Marks Pl

Year	Uses	Source
2014	CHRYSTALLS INC	EDR Digital Archive
	CHRYSTALLS INC	EDR Digital Archive

SAINT MARKS PL

199 SAINT MARKS PL

Year	Uses	Source
1975	GOODMAN DAVID	New York Telephone Company
1970	SMITH PATRICIA	New York Telephone
	ROUTH M S	New York Telephone
	GALLAGHER JULIA MRS	New York Telephone
1965	ROUTH M S	New York Telephone Company
	IGNERI CHRSTPHR	New York Telephone Company
	GALLAGHER JULIA MRS	New York Telephone Company
	BALDWIN ARTHUR	New York Telephone Company
1960	ARGENZIANO VINCENT	New York Telephone Company
	AUCHINCLOSS T MRS	New York Telephone Company
	HOLSTE HINNERK	New York Telephone Company
	ROUTH M S	New York Telephone Company
	VIRGA JOS S	New York Telephone Company
1928	ACKERMAN E MISS R	New York Telephone
	NEASHAM WM R	New York Telephone

FINDINGS

205 SAINT MARKS PL

Year	Uses	Source
1975	HURLEY THOS B	New York Telephone Company
1970	HURLEY THOS B	New York Telephone
1965	HURLEY THOS B	New York Telephone Company
1960	HURLEY THOS B	New York Telephone Company
	HURLEY JOAN A	New York Telephone Company

Saint Marks Pl

210 Saint Marks Pl

Year	Uses	Source
2010	SCOTT MRRIS ACCUNTING GROUP LL	EDR Digital Archive
	SCOTT MRRIS ACCUNTING GROUP LL	EDR Digital Archive

ST MAKS PL

135 ST MAKS PL

Year	Uses	Source
1979	ROBINSON M	New York Telephone

ST MARK PL

123 ST MARK PL

Year	Uses	Source
1990	MURPHY BETTY	NYNEX Information Resource Company

ST MARKES PL

141 ST MARKES PL

Year	Uses	Source
1990	YOHO EVELYN	NYNEX Information Resource Company

ST MARKS

141 ST MARKS

Year	Uses	Source
1934	Mc Guiness Leo F r	R. L. Polk & Co.

FINDINGS

ST MARKS PL

108 ST MARKS PL

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	John Stojanowski	Cole Information Services
1995	STOJANOWSKI John	NYNEX
1990	STOJANOWSKI JOHN	NYNEX Information Resource Company
1984	WALLACE OSCAR L	New York Telephone
	STOJANOWSKI JOHN	New York Telephone
1934	Mc Creery Wm A clk h	R. L. Polk & Co.
	Perry Agnes Mrs r	R. L. Polk & Co.
	Mc Creery Tillie wid Wm r	R. L. Polk & Co.
	Corbett Gordon Mary prof h	R. L. Polk & Co.

109 ST MARKS PL

Year	Uses	Source
2005	Cambridge Cassie A	Hill-Donnelly Information Services
	HTucker W A O	Hill-Donnelly Information Services
2000	Brendan P Yetter	Cole Information Services
	A Darniels	Cole Information Services
1995	COPPENGER Rusty	NYNEX
	SNOW J	NYNEX
1990	SUCHY CAROL	NYNEX Information Resource Company
	SNOW J	NYNEX Information Resource Company
	COPPENGER RUSTY	NYNEX Information Resource Company
1984	RAPID SEWER CLEANERS	New York Telephone
	NILAND P MRS	New York Telephone
	HILDRETH R M	New York Telephone
	FRUMKIN PAUL	New York Telephone
1979	STEINHASER GALE	New York Telephone
	MESTER THEODORE A JR	New York Telephone
	ELLENARDI RICHARD	New York Telephone
1934	Beltz Wm Jeannette chemist r	R. L. Polk & Co.
	Hoppel Wm S r	R. L. Polk & Co.
	Le Bourveau Harry V Josphline terminal eng h	R. L. Polk & Co.
	Le Bourveau Veronica wid Frank inspr r	R. L. Polk & Co.

FINDINGS

110 ST MARKS PL

Year	Uses	Source
1934	Quinlan Johanna r	R. L. Polk & Co.

111 ST MARKS PL

Year	Uses	Source
1934	Sheridan Grace tchr Pt Rich HS r	R. L. Polk & Co.

115 ST MARKS PL

Year	Uses	Source
2005	Humphrey Richard	Hill-Donnelly Information Services
	H Foster P T Ao	Hill-Donnelly Information Services
	H Humphrey Richard O	Hill-Donnelly Information Services
2000	Richard Humphrey	Cole Information Services
	Paul Foster	Cole Information Services
1995	SCHWANDER R	NYNEX
1984	RATMEYER ROLAND REV	New York Telephone
1979	RATMEYER ROLAND REV	New York Telephone
1934	Cahalane Mary J tchr r	R. L. Polk & Co.
	Cahalane Helen student r	R. L. Polk & Co.
	Cahalane Eliz tchr r	R. L. Polk & Co.
	Cahalane Cornelius F Eliz police consultant Port of NY Authority h	R. L. Polk & Co.

118 ST MARKS PL

Year	Uses	Source
1984	SMITH J	New York Telephone
1979	DART K	New York Telephone

119 ST MARKS PL

Year	Uses	Source
2005	h Gomolka Barry AV	Hill-Donnelly Information Services
	h Cacace Steve	Hill-Donnelly Information Services
	HBurke PL	Hill-Donnelly Information Services
	h Weems D	Hill-Donnelly Information Services
2000	D Weems	Cole Information Services
	Barry Gomoka	Cole Information Services
	Steve Cacace	Cole Information Services
1995	HEYER Wm R	NYNEX
1990	GIBBER JERE	NYNEX Information Resource Company
1984	HEYER C	New York Telephone

FINDINGS

Year	Uses	Source
1934	Van Wormer Ralph B Elfrida consulting eng h	R. L. Polk & Co.
	Ackerman Ellen h	R. L. Polk & Co.

123 ST MARKS PL

Year	Uses	Source
2005	H Foust S A	Hill-Donnelly Information Services
	h Miller Christopher v	Hill-Donnelly Information Services
2000	S Foust	Cole Information Services
	Christopher Miller	Cole Information Services
1995	SMITH Sean M	NYNEX
	FOUST S	NYNEX
	BONIOR Nancy	NYNEX
1990	VALENTIN N	NYNEX Information Resource Company
1984	MURPHY BETTY	New York Telephone
1979	MURPHY BETTY	New York Telephone
1934	Haverty Eliz r	R. L. Polk & Co.
	Haverty Danl h	R. L. Polk & Co.
	Haverty Helen r	R. L. Polk & Co.

125 ST MARKS PL

Year	Uses	Source
2005	HEgan Leona R A	Hill-Donnelly Information Services
	H Douglas C C	Hill-Donnelly Information Services
2000	C Douglas	Cole Information Services
	Charlotte Douglas	Cole Information Services
	Leona R Egan	Cole Information Services
1995	VARKONYI Irvin	NYNEX
1990	VARKONYI IRVIN	NYNEX Information Resource Company
	TOWNS ANDY	NYNEX Information Resource Company
1984	TOWNS ANDY	New York Telephone
	VARKONYI IRVIN	New York Telephone
1979	LUTJEN HELNRICH	New York Telephone

128 ST MARKS PL

Year	Uses	Source
1934	Josselyn Asa Minnie coast guard h	R. L. Polk & Co.

FINDINGS

131 ST MARKS PL

Year	Uses	Source
2005	Davis E	Hill-Donnelly Information Services
	Big Apple Interiors Inc	Hill-Donnelly Information Services
	H Davis Elizabeth AL	Hill-Donnelly Information Services
2000	Suthat Saisom	Cole Information Services
1995	SAISORN Sartip	NYNEX
1990	HANSON SCOTT	NYNEX Information Resource Company
1934	Bardwell Alice M wid Darwin L h	R. L. Polk & Co.
	Babb Jessie r	R. L. Polk & Co.
	Bardwell Harold E Doris slsmn Clark Reilly & Co Inc	R. L. Polk & Co.

135 ST MARKS PL

Year	Uses	Source
2005	h Jumpita Baity	Hill-Donnelly Information Services
	h Yazdani Masso Lud A A	Hill-Donnelly Information Services
2000	Robert C Basey	Cole Information Services
	Baity Jumpita	Cole Information Services
	Luis Negron Jr	Cole Information Services
	Massoud Yazani	Cole Information Services
	NICHOLA ST INTS	Cole Information Services
1995	SAVAGE J	NYNEX
	HALUM Khairul	NYNEX
1990	NATH RAJENDRA	NYNEX Information Resource Company
	SAVAGE J	NYNEX Information Resource Company
	TRANS ATLANTIC INPEX INC	NYNEX Information Resource Company
	WILLIAMS C	NYNEX Information Resource Company
1984	SAVAGE J	New York Telephone
	SHELARE CAROL	New York Telephone
1979	BERRY E	New York Telephone
	SHIELDS E	New York Telephone
1934	Cullen Jas Edith clk dept WSG & E r	R. L. Polk & Co.
	Cullen Jas A student r	R. L. Polk & Co.
	Cullen Winifred E asst stylist r	R. L. Polk & Co.
	Fetherston Harry A elec eng r	R. L. Polk & Co.
	Fetherston Louisita h	R. L. Polk & Co.
	Van Dam Emmanuel F dist supt Dept of Educ r	R. L. Polk & Co.
	Wetmore Geo Genevieve Investigator Dept Pub Welfare r	R. L. Polk & Co.

FINDINGS

141 ST MARKS PL

Year	*Uses*	*Source*
2005	Multi Unit Address	Hill-Donnelly Information Services
	G h Belton Elijah v	Hill-Donnelly Information Services
	I AHBuchanan MD	Hill-Donnelly Information Services
	Davis Richardo	Hill-Donnelly Information Services
	E Draper Nicole 7 4 G h Drury Brendan A & Julia C AV	Hill-Donnelly Information Services
	Continued	Hill-Donnelly Information Services
	Hope Robin	Hill-Donnelly Information Services
	5D h Koehler J A	Hill-Donnelly Information Services
	F Lee Sheila	Hill-Donnelly Information Services
	Ch Leon George Delucenay v	Hill-Donnelly Information Services
	G Uoyd A	Hill-Donnelly Information Services
	F h Luo Ping	Hill-Donnelly Information Services
	F h Nadon MA AA	Hill-Donnelly Information Services
	h Santiago P A	Hill-Donnelly Information Services
	Software Maintenance News	Hill-Donnelly Information Services
	H h Suchy C AV	Hill-Donnelly Information Services
	3D h Wilkins 3 Av	Hill-Donnelly Information Services
	F h Zvegintov Nicholas AV s	Hill-Donnelly Information Services
2000	Karen Carol	Cole Information Services
	R Carol	Cole Information Services
	Andrew Croxson	Cole Information Services
	G C Derevjanik	Cole Information Services
	G brendan A Drury	Cole Information Services
	G Julia C Drury	Cole Information Services
	J Koehler	Cole Information Services
	George D Leon	Cole Information Services
	Danny Maldonado	Cole Information Services
	Frank J Marcopolos	Cole Information Services
	Lisa Mazzaniello	Cole Information Services
	Christopher Micha	Cole Information Services
	F M A Nacion	Cole Information Services
	Rassan Salandy	Cole Information Services
	Patricia Santiago	Cole Information Services
	P Sellitto	Cole Information Services
	4D G Sprank	Cole Information Services
	Shaune Stepheny	Cole Information Services
	J Wilkins	Cole Information Services

FINDINGS

Year	Uses	Source
2000	John Woodson	Cole Information Services
	Evelyn Yoho	Cole Information Services
	F N Zvegintzov	Cole Information Services
	Sefwvara Mntnc Nws	Cole Information Services
1995	Software Maintenance News	NYNEX
	ABRANTES Emmanuel	NYNEX
	CRAKDELL Stacy	NYNEX
	DOE Tirman	NYNEX
	DRURY Brendan A	NYNEX
	DRURY Julia C	NYNEX
	GONZALEZ Louis	NYNEX
	HAGGERTY D	NYNEX
	LANIER Don	NYNEX
	MAYNARD M	NYNEX
	MOORE Frances	NYNEX
	MOREIRA Celso	NYNEX
	MORRIS John F	NYNEX
	NACION M A	NYNEX
	PALANZA W	NYNEX
	RAM Dilip	NYNEX
	YOHO Evelyn	NYNEX
	ZVEGINTZOV Nicholas	NYNEX
1990	GORMAN B	NYNEX Information Resource Company
	GRESHAM JOHN A	NYNEX Information Resource Company
	HAMDDAN YAHYA	NYNEX Information Resource Company
	HEAP D	NYNEX Information Resource Company
	HELT B	NYNEX Information Resource Company
	LENNON FRANCIS J	NYNEX Information Resource Company
	LITRELL J	NYNEX Information Resource Company
	MCINALLY JOSEPH	NYNEX Information Resource Company
	MILLS H D	NYNEX Information Resource Company
	RUIZ ROBERT	NYNEX Information Resource Company
	SEARLES M	NYNEX Information Resource Company
	SIEGEL PETER K	NYNEX Information Resource Company
	SPRANK G	NYNEX Information Resource Company
	SZYNKIEWICZ B H	NYNEX Information Resource Company
	TUNG ANTHONY	NYNEX Information Resource Company
	WINKLE TERRY	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1990	WISDOM E	NYNEX Information Resource Company
	ZVEGINTZOV NICHOLAS	NYNEX Information Resource Company
	BRAVO RANDOLPH	NYNEX Information Resource Company
	BROWN R A JR	NYNEX Information Resource Company
	CARLSON SUSAN	NYNEX Information Resource Company
	CARROLL CLAIRE	NYNEX Information Resource Company
	COSENTINO V	NYNEX Information Resource Company
	DEREVJANIK C	NYNEX Information Resource Company
	DRURY JULIA C	NYNEX Information Resource Company
	FOSTER ROBERT	NYNEX Information Resource Company
	GINO STEPHEN	NYNEX Information Resource Company
	GONZALEZ LOUIS	NYNEX Information Resource Company
1984	ABRAMOWITZ N	New York Telephone
	BEVILACQUA S	New York Telephone
	BISHOP M	New York Telephone
	BOWER R	New York Telephone
	BRUNO T	New York Telephone
	COSME N	New York Telephone
	CULLUM ALBERT	New York Telephone
	DEREVJANIK CHARLES	New York Telephone
	FOSTER ROBERT	New York Telephone
	FOTOS CHRISTOPHER	New York Telephone
	GINO STEPHEN	New York Telephone
	GONZALEZ LOUIS	New York Telephone
	GRESHAM JOHN A	New York Telephone
	HATCH JAMES MORRIS	New York Telephone
	LENNON FRANCIS J	New York Telephone
	LITRELL J	New York Telephone
	MCALPIN G	New York Telephone
	PAVIS F A	New York Telephone
	SZYNKIEWICZ B H	New York Telephone
	TUNG ANTHONY	New York Telephone
	WISDOM E	New York Telephone
	WISTERIA ARMS	New York Telephone
	ZVEGINTZOV NICHOLAS	New York Telephone
1979	ANDREWS HOWARD	New York Telephone
	ASHTON C	New York Telephone
	BEVILACQUA S MRS	New York Telephone

FINDINGS

Year	Uses	Source
1979	BOWER FRANK H	New York Telephone
	BRUNO T	New York Telephone
	CASEY JOSEPH	New York Telephone
	DEREVJANIK CHARLES	New York Telephone
	DREISBACH-WILLIAMS ROGER	New York Telephone
	GRANATA ANGELA	New York Telephone
	KAWECKI A	New York Telephone
	LAVELLE CLIFFORD A	New York Telephone
	LITRELL J	New York Telephone
	LURLE NAN R	New York Telephone
	MCMANUS KEVIN	New York Telephone
	QUEVEDO LUIS	New York Telephone
	SHIRZADL FARAMARZ	New York Telephone
	WIODKAWSKL JOE	New York Telephone
1934	Anderson Margt wid Robt G real eat	R. L. Polk & Co.
	Blomstrom Ruth clk r	R. L. Polk & Co.
	Brady Edw A broker h	R. L. Polk & Co.
	Butler Helen L wid John r	R. L. Polk & Co.
	Denslow Albert C Many Port Richmond Yacht Basin h	R. L. Polk & Co.
	Denslow Eliz sten r	R. L. Polk & Co.
	Dring Robt P Madeline M drfitsmn Bd WS r	R. L. Polk & Co.
	Du Bois Jessie wid Jas h	R. L. Polk & Co.
	Ducassa John F Agnes jwlr h	R. L. Polk & Co.
	Dunn Grace L wid John F r	R. L. Polk & Co.
	Foster Geo B Eva sta eng h	R. L. Polk & Co.
	Gallagher Eliz F wid Russell sten Pres BR r	R. L. Polk & Co.
	Gluck Bertha piano tchr	R. L. Polk & Co.
	Gluck Isadore Martha h	R. L. Polk & Co.
	Gluck Richd student r	R. L. Polk & Co.
	Gorman John Mary night club h	R. L. Polk & Co.
	Gorodess Helene	R. L. Polk & Co.
	Gorodess Israel Julia drugs	R. L. Polk & Co.
	h	R. L. Polk & Co.
	Gregory Amiel Etiel shipmate h	R. L. Polk & Co.
	Heal Harry R Lila Jwlr h	R. L. Polk & Co.
	Hoey Christopher W Gladys lawyer h	R. L. Polk & Co.
	Holsendorf Benj E Alice pharm h	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Klatzko Morris Fay pharmacy	R. L. Polk & Co.
	h	R. L. Polk & Co.
	Krauss Henry Madelyn moule mkr h	R. L. Polk & Co.
	Kutscher Hans F Gonevieve bldg contr r	R. L. Polk & Co.
	Lamb Wm F Madeline E clk h	R. L. Polk & Co.
	Lippert Edw L student r	R. L. Polk & Co.
	Lippert Walter Stella T mechl eng h	R. L. Polk & Co.
	Lowes Norman K Dorothy N clk Mhn h	R. L. Polk & Co.
	Mc Guiness Carolln H wid Leo h	R. L. Polk & Co.
	Methfessel Elvira h	R. L. Polk & Co.
	Nellis Dorothy L typist Mhn r	R. L. Polk & Co.
	Norton John S Blanche clk h	R. L. Polk & Co.
	Parmele Chas R Alice M mfg chemist h	R. L. Polk & Co.
	Peloquin Geo Eliz serv sta atndt h	R. L. Polk & Co.
	Polouze Louise l wid Edw Wisteria Beauty Parlor h	R. L. Polk & Co.
	Rodewald Anna M wid Jos h	R. L. Polk & Co.
	Sandgren Harry G mgr r	R. L. Polk & Co.
	Sternberg Geo H Pauline dental lab h	R. L. Polk & Co.
	Sullivan Jos Margurite M pilot Mhn h	R. L. Polk & Co.
	Thomasson Aaron H Iva phys	R. L. Polk & Co.
	h	R. L. Polk & Co.
	Van Ormer Edw B Geraldine prof Wagner Memorial Lutheran College h	R. L. Polk & Co.
	Vroom Marjorle E tchr Wash Irving Summer High Sch h	R. L. Polk & Co.
	Waring Whitney B Minna clk h	R. L. Polk & Co.
	Waterloo Frank Ellen sec h	R. L. Polk & Co.
	Wheelehan Matthew J Mary lawyer h	R. L. Polk & Co.
	Wiley Edw M Margt H tchr Staten Island Academy St G h	R. L. Polk & Co.
	Wisteria Apts	R. L. Polk & Co.
	Wisteria Beauty Parlor TN Louise l Pelouze	R. L. Polk & Co.

ST MORKS PL

141 ST MORKS PL

Year	Uses	Source
1979	ROMANO NICHOLAS	New York Telephone

FINDINGS

ST MRKS PL

108 ST MRKS PL

Year	*Uses*	*Source*
1979	MONCHITO RAMON	New York Telephone

109 ST MRKS PL

Year	*Uses*	*Source*
1979	NILAND P MRS	New York Telephone

119 ST MRKS PL

Year	*Uses*	*Source*
1990	HEYER WM R	NYNEX Information Resource Company
1984	HEYER WM R	New York Telephone
1979	HEYER WM R	New York Telephone

123 ST MRKS PL

Year	*Uses*	*Source*
1979	BELLOWS J	New York Telephone

125 ST MRKS PL

Year	*Uses*	*Source*
1979	BRYANT GEO H	New York Telephone

131 ST MRKS PL

Year	*Uses*	*Source*
1984	BARDWELL HAROLD E	New York Telephone
1979	BARDWSLL HAROLD E	New York Telephone

141 ST MRKS PL

Year	*Uses*	*Source*
1990	DRURY BRENDAN A	NYNEX Information Resource Company
	HAGGERTY D	NYNEX Information Resource Company
	MORRIS JOHN F	NYNEX Information Resource Company
1984	BARTLETT WILLARD W	New York Telephone
	DRURY BRENDAN A	New York Telephone
	DRURY JULIA C	New York Telephone
	HAGGERTY D	New York Telephone
	MORRIS JOHN F	New York Telephone
1979	DRURY BRENDAN A	New York Telephone
	BRIGGS C A	New York Telephone

Year	Uses	Source
1979	BARTLETT WILLARD W	New York Telephone
	DRURY JULIA C	New York Telephone
	HAGGERT D	New York Telephone
	HELT BLANCHE	New York Telephone
	JONES ELSIE M	New York Telephone
	MCALPIN G	New York Telephone
	MORRIS JOHN F	New York Telephone
	PAVIS F A	New York Telephone
	SIEMERING V	New York Telephone
	WHOLIHAN JAS J	New York Telephone

ST MUKS PL

141 ST MUKS PL

Year	Uses	Source
1970	BARTLETT WILLARD W	New York Telephone

STEVENS STREET PL

16 STEVENS STREET PL

Year	Uses	Source
1970	BRIDGE STEPHEN H JR	New York Telephone
1965	BRIDGE STEPHEN H JR	New York Telephone Company
1960	BRIDGE STEPHEN H JR	New York Telephone Company

19 STEVENS STREET PL

Year	Uses	Source
1970	GULMAN ANN	New York Telephone
1965	GULMAN ANN	New York Telephone Company
1960	GULMAN ANN	New York Telephone Company

35 STEVENS STREET PL

Year	Uses	Source
1965	DIVER PATK MRS	New York Telephone Company
1960	DIVER PATK MRS	New York Telephone Company

39 STEVENS STREET PL

Year	Uses	Source
1970	LOGAN CHARLES	New York Telephone
1960	COYLE BERNARD	New York Telephone Company

44 STEVENS STREET PL

Year	Uses	Source
1965	KENNEY VINCENT W	New York Telephone Company
1960	KENNEY VINCENT W	New York Telephone Company
	KENNEY VINCENT W	New York Telephone Company

49 STEVENS STREET PL

Year	Uses	Source
1970	CLEARY JOHN	New York Telephone
1965	CLEARY DANL	New York Telephone Company

50 STEVENS STREET PL

Year	Uses	Source
1970	O REILLY THOS MRS	New York Telephone
1965	O REILLY THOS MRS	New York Telephone Company
1960	O REILLY THOS MRS	New York Telephone Company

STUVESANT PL

29 STUVESANT PL

Year	Uses	Source
1928	POTTER RUTH L STUDIO SHOP	New York Telephone

STUYVESANT PL

4 STUYVESANT PL

Year	Uses	Source
1965	BRANDES RICHD	New York Telephone Company
1960	BRANDES RICHD	New York Telephone Company
1928	AUGENSTERN MICHAEL R	New York Telephone

5 STUYVESANT PL

Year	Uses	Source
2005	Nwosu James v	Hill-Donnelly Information Services
	Persad Parvatee N s	Hill-Donnelly Information Services
	Pfulter Brittany W	Hill-Donnelly Information Services
	G 4 Pletrosimone D AV s	Hill-Donnelly Information Services
	M 2 Pohji Kaleeya v	Hill-Donnelly Information Services
	Rahman Khondoker	Hill-Donnelly Information Services
	C 2 Reyes E Av	Hill-Donnelly Information Services
	Rodriguez Jorge y V Rubin	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	E 4 Russo Basil	Hill-Donnelly Information Services
	h Schwarzmann Pamela	Hill-Donnelly Information Services
	Shah Pradip Chandra V	Hill-Donnelly Information Services
	Shaikh Yunus B v C	Hill-Donnelly Information Services
	T 2 Shopov Zarya Av	Hill-Donnelly Information Services
	St George Pharmacy	Hill-Donnelly Information Services
	G 2 Sudasinghe Shesha v	Hill-Donnelly Information Services
	P h Mc Quade Carol 5 sa	Hill-Donnelly Information Services
	Mendoza Enrique v7	Hill-Donnelly Information Services
	Miller B	Hill-Donnelly Information Services
	P 3 Miller B AC	Hill-Donnelly Information Services
	G 5 Moueli Raphaella	Hill-Donnelly Information Services
	Nahr Nazmun vr	Hill-Donnelly Information Services
	V 3 Nakamura Kanesuke v	Hill-Donnelly Information Services
	C 5 Naughton John Patrick A	Hill-Donnelly Information Services
	Nobreclla Pedro	Hill-Donnelly Information Services

10 STUYVESANT PL

Year	Uses	Source
1990	HARBOR GARDENS ASSOC	NYNEX Information Resource Company
1934	Zappi Antoinette A wid Michi h	R. L. Polk & Co.
	Young Frank underwriter r	R. L. Polk & Co.

11 STUYVESANT PL

Year	Uses	Source
1995	MAKSIAK A	NYNEX
1960	PETRUZEL MICHL P	New York Telephone Company

15 STUYVESANT PL

Year	Uses	Source
1975	KINGSLAND RUSSELL	New York Telephone Company
	SMITH P E	New York Telephone Company
1965	O DONNELL JAS L	New York Telephone Company
1934	Schwartz Annette Mrs writer h	R. L. Polk & Co.

22 STUYVESANT PL

Year	Uses	Source
1960	LIPHART REINHOLD VAN	New York Telephone Company
	WEMPLE CLARA R MISS	New York Telephone Company
1928	WEMPLE CHAS R MISS R	New York Telephone

Year	Uses	Source
1928	WEMPLE WARD R	New York Telephone

23 STUYVESANT PL

Year	Uses	Source
1960	GREEN GEO	New York Telephone Company
1928	ARNOLD R MRS R	New York Telephone

26 STUYVESANT PL

Year	Uses	Source
1934	Kieran Cath furn rms	R. L. Polk & Co.

28 STUYVESANT PL

Year	Uses	Source
1928	DEVLIN M A MRS R	New York Telephone

29 STUYVESANT PL

Year	Uses	Source
1960	THOMAS WM	New York Telephone Company
	COLEMAN HARRY	New York Telephone Company
	BAUERLE GEO	New York Telephone Company
1928	WILLIAMS HAMILTON R	New York Telephone
	STUDIO SHOP	New York Telephone

45 STUYVESANT PL

Year	Uses	Source
1934	Staten Island Acedmy Inc NY Alf Shriver pres Lester L Callan sec Albert L Stirn treas Thos C Burton headmaster	R. L. Polk & Co.

46 STUYVESANT PL

Year	Uses	Source
1934	Nilsen Judith maid r	R. L. Polk & Co.
	Kinelski Walter W chemical eng r	R. L. Polk & Co.
	King A Cora wid Jerome A h	R. L. Polk & Co.
1928	KING J JEROMNE A R	New York Telephone

Stuyvesant Pl

51 Stuyvesant Pl

Year	Uses	Source
2014	STATEN ISLAND MUSEUM	EDR Digital Archive
	STATEN ISLAND MUSEUM	EDR Digital Archive

Year	Uses	Source
2010	STATEN ISLAND MUSEUM	EDR Digital Archive
	SAFE HORIZONS INC	EDR Digital Archive
	STATEN ISLAND MUSEUM	EDR Digital Archive
	SAFE HORIZONS INC	EDR Digital Archive

STUYVESANT PL

51 STUYVESANT PL

Year	Uses	Source
2005	City Of New York Dept Health	Hill-Donnelly Information Services
	Staten Island Health Dept	Hill-Donnelly Information Services
	Safe Horizon i	Hill-Donnelly Information Services
2000	N Y City Hith Dept	Cole Information Services
	N Y City Hith Dept E	Cole Information Services
	N Y City Hith Dept	Cole Information Services
	N Y City Hith Dept	Cole Information Services
	N Y City Hith Dept 96 711 M	Cole Information Services
	Sxlly Clnc 9718 11 41 S The Cty NY Axl Dept 96 7718 M	Cole Information Services
	Victim Svces Agcy	Cole Information Services
1995	Victim Svces Agency Inc	NYNEX
	WIC	NYNEX
1990	STATEN ISLAND FAMILY PLANNING HEALTH CLINIC	NYNEX Information Resource Company
	WIC	NYNEX Information Resource Company
1984	STATEN ISLAND FAMILY PLANNING HEALTH CLINIC	New York Telephone
1979	NY CITY OF EDUCATION CITY BD OF HEADQUARTERS OFCS	New York Telephone
1975	N Y CITY OF EDUCATION CITY BD OF ATTENDANCE BUR OF	New York Telephone Company
	N Y CITY OF HEALTH DEPT OF CHILD HEALTH STAS	New York Telephone Company
	N Y CITY OF HEALTH DEPT OF DENTAL CLINICS	New York Telephone Company
	NEW YORK STATE OF SOUTH BEACH PSYCHIATRIC CENTER	New York Telephone Company
1970	NEW YORK CITY OF EDUCATION BOARD OF BUREAU OF ATTENDANCE	New York Telephone
	NEW YORK CITY OF EDUCATION BOARD OF BUREAU OF ATTENDANCE	New York Telephone
	NEW YORK CITY OF HEALTH DEPT OF	New York Telephone

Year	Uses	Source
1970	NEW YORK CITY OF HEALTH DEPT OF CHILD HEALTH STAS	New York Telephone
	NEW YORK STATE OF MENTAL HYGIENE DEPT OF	New York Telephone
1965	EDUCATION BOARD OF	New York Telephone Company
	EDUCATION BOARD OF	New York Telephone Company
	HEALTH DEPT OF	New York Telephone Company
	HEALTH DEPT OF	New York Telephone Company
	NEW YORK STATE OF LABOR DEPT OF MENTAL HYGIENE DEPT OF	New York Telephone Company
1960	NEW YORK CITY EDUCATION BOARD OF-	New York Telephone Company
	NEW YORK CITY EDUCATION BOARD OF-	New York Telephone Company
	NEW YORK-CITY HEALTH DEPT OF-	New York Telephone Company
	NEW YORK-CITY AREA OFFICES-	New York Telephone Company

STUYVSNT PL

25 STUYVSNT PL

Year	Uses	Source
1984	UNITY CULTURAL WORKSHOP REPERTORY	New York Telephone
1979	CMS PHARMACY	New York Telephone

30 STUYVSNT PL

Year	Uses	Source
1979	WOMEN S SELF-HELP COLLECTIVE	New York Telephone

STUYVSVNT PL

15 STUYVSVNT PL

Year	Uses	Source
1970	HILL HOWARD G MRS	New York Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl	2014, 2010, 2005

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1 ACADEMY PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
1 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
10 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1928
105A RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
108 ST MARKS PL	2014, 2010, 1979, 1975, 1970, 1965, 1960, 1928
108 ST MRKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
109 ST MARKS PL	2014, 2010, 1975, 1970, 1965, 1960, 1928
109 ST MRKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
11 STUYVESANT PL	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
110 ST MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
111 ST MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
115 ST MARKS PL	2014, 2010, 1990, 1975, 1970, 1965, 1960, 1928
118 ST MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1975, 1970, 1965, 1960, 1934, 1928
119 ST MARKS PL	2014, 2010, 1979, 1975, 1970, 1965, 1960, 1928
119 ST MRKS PL	2014, 2010, 2005, 2000, 1995, 1975, 1970, 1965, 1960, 1934, 1928
12 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
12 NICHOLAS ST	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
121 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
121 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
121 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975
121 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
123 RICHMOND AVE	2014, 2010, 2005, 2000, 1990, 1975, 1970, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
123 ST MARK PL	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
123 ST MARKS PL	2014, 2010, 1975, 1970, 1965, 1960, 1928
123 ST MRKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
124 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
125 RICHMOND AVE	2014, 2010, 2005, 2000, 1984, 1979, 1928
125 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
125 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
125 ST MARKS PL	2014, 2010, 1975, 1970, 1965, 1960, 1934, 1928
125 ST MRKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
126 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
127 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1970, 1934, 1928
128 RICHMOND AVE	2014, 2010, 2005, 2000, 1979, 1934, 1928
128 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
128 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
128 ST MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
129 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1934, 1928
13 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
13 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
130 RICHMND TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
130 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1934, 1928
131 1/2 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1970, 1934, 1928
131 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
131 ST MARKS PL	2014, 2010, 1984, 1979, 1975, 1970, 1965, 1960, 1928
131 ST MRKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1975, 1970, 1965, 1960, 1934, 1928
133 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1960, 1934
135 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
135 ST MAKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
135 ST MARKS PL	2014, 2010, 1975, 1970, 1965, 1960, 1928
137 RICHMOND AVE	2014, 2010, 2005, 2000, 1984, 1979, 1934, 1928
137 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
138 RICHMOND TER	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
139 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1934, 1928

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Address Researched	Address Not Identified in Research Source
14 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1934, 1928
14 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
140 RICHMOND	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
140 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
140 RICHMOND TER	2014, 2010, 1979, 1975, 1970, 1965, 1960, 1934, 1928
140 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
140 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
140 RICRMOND TER	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
141 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
141 ST MARKES PL	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
141 ST MARKS	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
141 ST MARKS PL	2014, 2010, 1975, 1970, 1965, 1960, 1928
141 ST MORKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
141 ST MRKS PL	2014, 2010, 2005, 2000, 1995, 1975, 1970, 1965, 1960, 1934, 1928
141 ST MUKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1965, 1960, 1934, 1928
142 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934, 1928
144 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1934, 1928
145 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
146 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1934
147 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
149 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
15 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1934, 1928
15 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
15 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1960, 1928
15 STUYVSVNT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1965, 1960, 1934, 1928
150 RICHMND TER	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
150 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
150 RICHMOND AVE	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1934, 1928
150 RICHMOND TER	2014, 2010, 1975, 1970, 1965, 1960, 1934, 1928
150 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
150 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
151 RICHMOND AVE	2014, 2010, 2005, 2000, 1934, 1928

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Address Researched	Address Not Identified in Research Source
152 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934, 1928
153 RICHMOND TER	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
153 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934, 1928
154 1/2 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1970, 1965, 1960, 1934, 1928
154 RICHMOND AVE	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1934, 1928
155 RICHMOND AVE	2014, 2010, 2005, 2000, 1984, 1970, 1965, 1934, 1928
157 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1960, 1934, 1928
158 RICHMOND TER	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
159 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
159 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
159 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1934, 1928
16 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1960, 1934, 1928
16 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
16 STEVENS STREET PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
160 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
160 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
160 RICHMOND TER	2014, 2010, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1960, 1934, 1928
160 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
160 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
161 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1975, 1960, 1934, 1928
162 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
163 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1984, 1934, 1928
164 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1934, 1928
165 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1934, 1928
165 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
165 Saint Marks Pl	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
165 Saint Marks Pl	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
165L RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1960, 1934, 1928
166 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1960, 1934, 1928
166 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
166 RICHMOND RD	2014, 2010, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
167 RICHMOND AVE	2014, 2010, 2005, 2000, 1975, 1970, 1934, 1928

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Address Researched	Address Not Identified in Research Source
168 RICHMOND TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
169 RICHMOND AVE	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1934, 1928
17 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
171 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
171 RICHMOND TER	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
173 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
179 RICHMOND RD	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
18 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
181 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1934, 1928
183 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1934, 1928
185 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1934, 1928
185 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1970, 1965, 1960, 1934, 1928
185 Saint Marks Pl	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
185 Saint Marks Pl	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
185L RICHMOND TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1960, 1934, 1928
187 CARROLL PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
187 RICHMOND AVE	2014, 2010, 2005, 2000, 1979, 1934, 1928
187 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
189 RICHMOND AVE	2014, 2010, 2005, 2000, 1979, 1960, 1934, 1928
189 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
19 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
19 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
19 STEVENS STREET PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
191 RICHMOND AVE	2014, 2010, 2005, 2000, 1970, 1934, 1928
191 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934, 1928
193 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
196 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
196 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
196 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1960, 1928
197 RICHMOND TER	2014, 2010, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
197 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934
198 RICHMOND TER	2014, 2010, 1984, 1970, 1934, 1928

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Address Researched	Address Not Identified in Research Source
198 Richmond Ter	2014, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
198 Richmond Ter	2014, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
199 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1934, 1928
199 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934
199 Saint Marks Pl	2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
199 Saint Marks Pl	2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
2 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
2 NICHOLAS	2014, 2010, 2005, 2000, 1995, 1979, 1934, 1928
2 NICHOLAS ST	2014, 2010, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
2 Nicholas St	2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
2 Nicholas St	2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
200 RICHMOND AVE	2014, 2010, 2005, 2000, 1984, 1979, 1934, 1928
201 RICHMOND AVE	2014, 2010, 2005, 2000, 1979, 1934, 1928
201 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
201 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
202 RICHMOND AVE	2014, 2010, 2000, 1995, 1990, 1984, 1934, 1928
203 RICHMOND AVE	2014, 2010, 2000, 1965, 1960, 1934, 1928
203 RICHMOND RD	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
204 RICHMOND AVE	2014, 2010, 2005, 2000, 1990, 1975, 1934, 1928
204 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
204 RICHMOND STREET TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1965, 1960, 1934, 1928
204 RICHMOND TER	2014, 2010, 1990, 1984, 1975, 1934, 1928
204 RICHMOND TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
204 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
204 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
205 RICHMOND AVE	2014, 2010, 2005, 2000, 1934, 1928
205 SAINT MARKS PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
206 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
207 RICHMOND AVE	2014, 2010, 2000, 1934
207L RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1960, 1934, 1928
208 RICHMOND AVE	2014, 2010, 2000, 1995, 1990, 1984, 1979, 1975, 1934
208 RICHMOND STREET TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1965, 1960, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
208 RICHMOND TER	2014, 2010, 1990, 1984, 1975, 1970, 1965, 1934, 1928
209 RICHMOND AVE	2014, 2010, 2005, 2000, 1979, 1934, 1928
21 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1928
210 RICHMOND AVE	2014, 2010, 2005, 2000, 1934, 1928
210 Saint Marks Pl	2014, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
210 Saint Marks Pl	2014, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
211 RICHMOND RD	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
216 RICHMND TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
216 RICHMOND TER	2014, 2010, 2000, 1995, 1990, 1984, 1979, 1934, 1928
22 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934
220 RICHMOND AVE	2014, 2010, 2005, 2000, 1934, 1928
220 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
220 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
221 RICHMOND AVE	2014, 2010, 2005, 2000, 1975, 1934, 1928
221 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
221 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
221 RICHMOND TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
223 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934
224 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1975, 1960, 1934, 1928
224 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
224 Richmond Ter	2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
224 Richmond Ter	2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
225 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1965, 1934, 1928
226 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1984, 1934, 1928
227 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1934, 1928
228 RICHMOND AVE	2014, 2010, 2005, 2000, 1990, 1934, 1928
228 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
228 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
228 RICHMOND TER	2014, 2010, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
229 RICHMOND AVE	2014, 2010, 2005, 2000, 1990, 1975, 1970, 1934, 1928
229 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
229 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
23 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1960, 1934, 1928
23 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
23 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934
230 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1975, 1970, 1965, 1960, 1934, 1928
231 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934
232 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
232 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
232 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1934, 1928
232 RICHMOND TER	2014, 2010, 2005, 2000, 1995, 1990, 1975, 1970, 1934, 1928
232 RICHMOND TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
233 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1975, 1934, 1928
234 RICHMND TER	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1975, 1970, 1965, 1960, 1934, 1928
234 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1928
234 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
234 RICHMOND TER	2014, 2010, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
234 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
234 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
235 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
235 RICHMOND AVE	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
235 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
236 RICHMOND AVE	2014, 2010, 2005, 2000, 1928
236 Richmond Ter	2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
236 Richmond Ter	2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
238 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1928
238 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
238 RICHMOND RD	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
238B RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
239 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1960, 1934, 1928
239 RICHMOND RD	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
239L RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
24 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1934, 1928
24 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
240 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
240 RICHMOND TER	2014, 2010, 2000, 1995, 1975, 1970, 1934, 1928
242 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1934, 1928
242 RICHMOND STREET TER	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1965, 1960, 1934, 1928
242 RICHMOND TER	2014, 2010, 1995, 1975, 1970, 1928
244 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1934, 1928
245 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1979, 1975, 1970
246 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1984, 1970, 1934, 1928
248 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1975, 1970, 1934, 1928
248 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
248 RICHMOND TER	2014, 2010, 1995, 1975, 1934, 1928
249 RICHMOND CT	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
249 RICHMOND RD	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
25 STUYVSNT PL	2014, 2010, 2005, 2000, 1995, 1990, 1975, 1970, 1965, 1960, 1934, 1928
26 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
27 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1934, 1928
27 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1960, 1928
28 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
28 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
29 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
29 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
29 STUVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
29 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934
3 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
30 NICHOLAS	2014, 2010, 2005, 2000, 1995, 1984, 1975, 1965, 1934
30 NICHOLAS ST	2014, 2010, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
30 STUYVSNT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
31 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
31 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960
31 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
32 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
32 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
32 NICHOLAS	2014, 2010, 2005, 2000, 1995, 1934, 1928
32 NICHOLAS ST	2014, 2010, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
33 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
33 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1960, 1934, 1928
33 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
34 ACADEMY PL	2014, 2010, 1928
34 ACADENRY PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
35 STEVENS STREET PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934, 1928
36 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1965, 1960, 1934, 1928
36 HAMILTN AVE	2014, 2010, 2005, 2000, 1995, 1990, 1975, 1970, 1965, 1960, 1934, 1928
36 HAMILTON	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1970, 1934, 1928
36 HAMILTON AVE	2014, 2010, 1979, 1960, 1934, 1928
36 Hamilton Ave	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
36 Hamilton Ave	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
36 HAMLITN AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1975, 1970, 1965, 1960, 1934, 1928
36 HAMLITON AVE	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
36 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1975, 1970, 1965, 1960, 1934, 1928
37 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
37 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
37 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1928
38 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1928
39 STEVENS STREET PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1965, 1934, 1928
4 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
4 NICHOLAS	2014, 2010, 2005, 2000, 1995, 1979, 1934
4 NICHOLAS ST	2014, 2010, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
4 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934
40 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
41 HAMILTON AVE	2014, 2010, 1990, 1984, 1979, 1928
41 Hamilton Ave	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
41 Hamilton Ave	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
41 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1975, 1970, 1965, 1960, 1934, 1928
43 HAMILTON	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
43 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
44 STEVENS STREET PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1934, 1928
45 HAMILTON	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1960, 1934, 1928
45 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
46 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
46 STUYVESANT PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960
47 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
47 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
47 HAMILTON AVE	2014, 2010, 1995, 1990, 1984, 1979, 1928
47 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1979, 1975, 1970, 1965, 1960, 1934, 1928
48 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
48 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1928
49 HAMILTON	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1934, 1928
49 STEVENS STREET PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1960, 1934, 1928
5 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
5 STUYVESANT PL	2014, 2010, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
50 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
50 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1975, 1970, 1965, 1960, 1934, 1928
50 STEVENS STREET PL	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1934, 1928
51 STUYVESANT PL	2014, 2010, 1934, 1928
51 Stuyvesant Pl	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
51 Stuyvesant Pl	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
53 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
53 HAMILTON AVE	2014, 2010, 1990, 1984, 1979, 1934, 1928
53 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1975, 1970, 1965, 1960, 1934, 1928
56 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1965, 1960, 1934, 1928
59 HAMILTON AVE	2014, 2010, 1995, 1979, 1928
6 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
6 NICHOLAS	2014, 2010, 2005, 2000, 1995, 1990, 1934, 1928
6 Nicholas St	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
6 Nicholas St	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
6 NICHOLAS ST	2014, 2010, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
60 HAMILITON AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
60 HAMILTON AVE	2014, 2010, 1979, 1965, 1960, 1934, 1928
60 Hamilton Ave	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
60 Hamilton Ave	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
60 HAMLTEON AVE	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
60 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1975, 1970, 1965, 1960, 1934, 1928
60 HAMLTON AVE	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
60 HIMILTON AVE	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
66 HAMILTON AVE	2014, 2010, 2005, 2000, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
68 HAMLTN AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1975, 1970, 1965, 1960, 1934, 1928
69 HAMILTON AVE	2014, 2010, 2005, 2000, 1995, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
7 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
70 HAMILTON AVE	2014, 2010, 2005, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
75 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
75 Richmond Ter	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
8 HAMILTON AVE	2014, 2010, 2005, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
86 Hamilton Ave	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
86 Hamilton Ave	2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
9 HAMILTON AVE	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
9 NICHOLAS ST	2014, 2010, 2005, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934, 1928
93 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1934, 1928
93 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
93 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1975, 1970, 1965, 1934, 1928
97 RICHMOND	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1975, 1970, 1965, 1960, 1934
97 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1984, 1979, 1970, 1965, 1960, 1934, 1928
97 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1934, 1928
98 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1990, 1979, 1975, 1965, 1960, 1934, 1928
99 RICHMOND AVE	2014, 2010, 2005, 2000, 1995, 1934, 1928

APPENDIX D

REGULATORY AGENCY DATABASE REPORT

Undeveloped Property
170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl
Staten Island, NY 10301

Inquiry Number: 5399096.2s
August 20, 2018

The EDR Radius Map™ Report with GeoCheck®

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

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	314
Government Records Searched/Data Currency Tracking	GR-1

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Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

170-194 RICHMOND TERRACE, 8,18,20 STUYVESANT PL
STATEN ISLAND, NY 10301

COORDINATES

Latitude (North):	40.6461570 - 40° 38' 46.16''
Longitude (West):	74.0791450 - 74° 4' 44.92''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	577860.6
UTM Y (Meters):	4499674.5
Elevation:	33 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6048959 JERSEY CITY, NJ
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150729, 20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
170-194 RICHMOND TERRACE, 8,18,20 STUYVESANT PL
STATEN ISLAND, NY 10301

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CON EDISON	194 RICHMOND TERRACE	NY MANIFEST	Lower	1 ft.
B2	36 HAMILTON AVENUE T	36 HAMILTON AVENUE	NY AST	Higher	97, 0.018, SSE
B3	36 HAMILTON AVENUE T	36 HAMILTON AVENUE	NY UST	Higher	97, 0.018, SSE
B4	NYC DEPARTMENT OF HE	RICHMOND DISTRICT HE	NY UST	Higher	172, 0.033, SSE
B5	RICHMOND HEALTH CENT	51 STUYVESANT PL	NY MANIFEST	Higher	175, 0.033, SSE
B6	RICHMOND HEALTH CENT	51 STUYVESANT PL	RCRA-CESQG, FINDS	Higher	175, 0.033, SSE
B7	RICHMOND HEALTH CENT	51 STUYVESANT PL	NJ MANIFEST	Higher	175, 0.033, SSE
C8	ST GEORGE SEAPORT	RICHMOND TERR AT HAM	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	179, 0.034, SE
A9	CON ED	224 RICHMOND TER	NY MANIFEST	Lower	211, 0.040, NW
D10	165 MARKS PLACE/STAT	165 MARKS PLACE	NY Spills	Higher	232, 0.044, West
C11	NYC - STATEN ISLAND	100 RICHMOND TER	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	243, 0.046, SE
B12	SIXTY HAMILTON, LLC	60 HAMILTON AVENUE	NY UST	Higher	246, 0.047, SSW
B13	CLOSED-LACKOF RECENT	60 HAMILTON AVE	NY LTANKS, NY AST	Higher	246, 0.047, SSW
E14	CONSOLIDATED EDISON	RICHMOND TER & NICHO	NJ MANIFEST	Lower	299, 0.057, NW
E15	CON EDISON	RICHMOND TER & NICHO	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	299, 0.057, NW
E16	CON EDISON - MH 133	RICHMOND TERR & NICH	RCRA NonGen / NLR, NY MANIFEST	Lower	299, 0.057, NW
E17	CON EDISON MANHOLE:	NICHOLAS ST & RICHMO	RCRA NonGen / NLR, NY MANIFEST	Lower	302, 0.057, NW
E18	CON EDISON MANHOLE:	NICHOLAS ST & RICHMO	RCRA NonGen / NLR, NY MANIFEST	Lower	302, 0.057, NW
B19	LOT 8,TAXBLOCK 11	22 ACADEMY PLACE	NY E DESIGNATION	Higher	305, 0.058, South
D20	POLE # 23358	NICHOLAS ST / CARROL	NY Spills	Higher	332, 0.063, WNW
D21	APARTMENT BLDG.	165 ST. MARKS PLACE	NY LTANKS, NY Spills	Higher	366, 0.069, WSW
D22	CASTLETON PRESERVATI	165 3SAINT MARKS PLA	NY UST	Higher	366, 0.069, WSW
E23	PENN YARD	RICHMOND TERRACE	NY Spills	Lower	371, 0.070, NW
24	NYNEX	HAMILTON AVE & ST MA	NY MANIFEST	Higher	382, 0.072, SSW
F25	120TH PRECINCT	78 RICHMOND TERRACE	NY AST	Lower	385, 0.073, SE
F26	120TH PRECINCT	78 RICHMOND TERRACE	NY UST	Lower	385, 0.073, SE
F27	CON EDISON	78 RICHMOND TER	NY MANIFEST	Lower	385, 0.073, SE
F28	CON EDISON	78 RICHMOND TERRACE	RCRA NonGen / NLR	Lower	385, 0.073, SE
F29	CON EDISON	78 RICHMOND TERRACE	NJ MANIFEST	Lower	385, 0.073, SE
F30	120 PRECINT	78 RICHMOND TERRACE	NY LTANKS, NY Spills	Lower	385, 0.073, SE
D31	CASTLETON PRESERVATI	165 3SAINT MARKS PLA	NY AST	Higher	437, 0.083, WSW
D32	141 EQUITIES LLC	141-56 SAINT MARKS P	NY AST	Higher	450, 0.085, West
G33	LOT 7,TAXBLOCK 11	249 ST MARK'S PLACE	NY E DESIGNATION	Higher	482, 0.091, South
F34	VEH 24536 LEAKED GAS	STUYVESANT ST & WALL	NY Spills	Higher	484, 0.092, SSE
H35	77 NICHOLA ST	77 NICHOLA ST	NY Spills	Higher	505, 0.096, West
G36	LOT 4,TAXBLOCK 11	251 ST MARKS PLACE	NY E DESIGNATION	Higher	510, 0.097, South
I37	TROIANO APARTMENTS	250 RICHMOND TERRACE	NY AST	Lower	530, 0.100, WNW
G38	LOT 3,TAXBLOCK 11	257 ST MARKS PLACE	NY E DESIGNATION	Higher	538, 0.102, South
I39	252 RICHMOND TERRACE	252 RICHMOND TERRACE	NY Spills	Lower	545, 0.103, WNW

MAPPED SITES SUMMARY

Target Property Address:
170-194 RICHMOND TERRACE, 8,18,20 STUYVESANT PL
STATEN ISLAND, NY 10301

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	ST GEORGE DEVELOPMEN	55B RICHMOND TER	NY MANIFEST	Lower	550, 0.104, SE
F41	ST GEORGE DEVELOPMEN	55B RICHMOND TERRACE	PA MANIFEST	Lower	550, 0.104, SE
F42	EMPIRE OUTLETS BUILD	55B RICHMOND TER	RCRA NonGen / NLR, FINDS, ECHO	Lower	550, 0.104, SE
F43	LOT 63,TAXBLOCK 7	85 STUYVESANT PLACE	NY E DESIGNATION	Higher	555, 0.105, SSE
F44	BLOCK 2, LOT 20	INTERSECTION RICHMON	NY UST	Lower	565, 0.107, SE
J45	MILLER PAUL INC	100 STIVESANT PL	EDR Hist Cleaner	Higher	589, 0.112, SSE
J46	HARBOR GARDENS ASSOC	100 STUYVESANT PLACE	NY AST	Higher	589, 0.112, SSE
F47	CSX RAILYARD	WALL ST & RICHMOND A	NY Spills	Lower	593, 0.112, SE
G48	50 WALL ST	50 WALL STREET	NY LTANKS, NY UST, NY Spills	Higher	596, 0.113, SSE
G49	52 WALL STREET	52 WALL STREET	NY Spills	Higher	597, 0.113, South
J50	SAINT GEORGE LAUNDRO	93 STUYVESANT PL	EDR Hist Cleaner	Higher	605, 0.115, SSE
G51	POLE 50006	62 WALL ST	NY Spills	Higher	631, 0.120, South
H52	IN FORNT OF	123 SAINT MARKS PLAC	NY Spills	Higher	632, 0.120, West
G53	GME REALTY, LLC.	273 SAINT MARKS PL	NY AST	Higher	654, 0.124, South
54	CURTIS HIGH SCHOOL	HAMILTON AVE & ST MA	RCRA-CESQG, NY AST, NY MANIFEST	Higher	705, 0.134, WSW
K55	GATEWAY ARMS/APARTME	285 SAINT MARKS PLAC	NY UST	Higher	740, 0.140, South
K56	GATEWAY ARMS/APARTME	285 SAINT MARKS PLAC	NY AST	Higher	740, 0.140, South
J57	NYC DEPT OF EDUCATIO	120 STUYVESANT PL	RCRA-SQG	Higher	750, 0.142, SSE
J58	120 STUYVESANT PLACE	120 STUYVESANT PLACE	NY UST, NY E DESIGNATION, NY MANIFEST	Higher	750, 0.142, SSE
J59	CLOSED-LACKOF RECENT	120 STAVESENT PLACE	NY LTANKS	Higher	760, 0.144, SSE
J60	MC GREGOR ARMS REALT	115 STUYVESANT PL	NY AST	Higher	772, 0.146, SSE
J61	CON EDISON	115 STUYVESANT PL	NY MANIFEST	Higher	772, 0.146, SSE
L62	BENEDICT REALTY CO	36 RICHMOND TERR	NY UST	Higher	821, 0.155, SE
K63	299 ST MARKS PL	299 SAINT MARKS PLAC	NY AST	Higher	879, 0.166, SSE
K64	RIVINGTON ASSOCIATES	299 SAINT MARKS PLAC	NY LTANKS	Higher	879, 0.166, SSE
K65	NYC DEPT OF EDUCATIO	290 ST MARKS PL	RCRA-SQG	Higher	887, 0.168, South
K66	RALPH R MCKEE VOC HS	290 ST. MARKS PLACE	NY AST	Higher	887, 0.168, South
K67	NYC DEPT OF EDUCATIO	290 ST MARKS PL	NY MANIFEST	Higher	887, 0.168, South
68	NYC ECONOMIC DEV - B	RICHMOND TER NICHOLA	RCRA NonGen / NLR, NY MANIFEST	Lower	898, 0.170, ESE
69	100 BELMONT PLACE	100 BELMONT PLACE	NY AST	Higher	905, 0.171, South
M70	COLLEGE OF STATEN IS	130 STUYVESENT PL	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	976, 0.185, SSE
M71	130 STUYVESANT PLACE	130 STUYVESANT PLACE	NY LTANKS, NY UST	Higher	976, 0.185, SSE
72	DANWAY REALTY LLC	30 DANIEL LOW TERRAC	NY AST	Higher	998, 0.189, SW
L73	SUPREME COURT-STATEN	18 RICHMOND TR	NY MANIFEST	Higher	1033, 0.196, SE
N74	NYC DEPT OF EDUCATIO	300 RICHMOND TER	RCRA-SQG, NY MANIFEST	Lower	1125, 0.213, WNW
N75	ST. PETERS SCHOOL	300 RICHMOND TERRACE	NY AST	Lower	1125, 0.213, WNW
M76	STATEN ISLAND SAVING	15 HYATT STREET	NY LTANKS, NY Spills	Higher	1176, 0.223, SSE
M77	STATEN ISLAND SAVING	15 HYATT ST	NY UST, NY E DESIGNATION	Higher	1176, 0.223, SSE
O78	CON EDISON	STUYVESANT PL & HYAT	NY MANIFEST	Higher	1238, 0.234, SSE

MAPPED SITES SUMMARY

Target Property Address:
170-194 RICHMOND TERRACE, 8,18,20 STUYVESANT PL
STATEN ISLAND, NY 10301

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
O79	VS305	HYATT ST. AND STUYVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1238, 0.234, SSE
O80	NYC - STATEN ISLAND	10 RICHMOND TER	NY LTANKS, RCRA NonGen / NLR, FINDS, ECHO, NY...	Higher	1261, 0.239, SSE
O81	CON EDISON - MANHOLE	RICHMOND TARRACE &AM	RCRA-LQG, NY MANIFEST	Higher	1261, 0.239, SSE
O82	CON EDISON MANHOLE:	10 RICHMOND TERR FRO	RCRA NonGen / NLR, NY MANIFEST	Higher	1261, 0.239, SSE
O83	STATEN ISLAND BOROUG	10 RICHMOND TERRACE	NY UST, NY AST	Higher	1261, 0.239, SSE
O84	UNOCCUPIED	152 STUYVESANT PLACE	NY UST	Higher	1270, 0.241, SSE
85	PRIVATE HOME	56 ST MARKS	NY LTANKS	Higher	1286, 0.244, West
P86	NYCDOT STATEN ISLAND	ST GEORGE FERRY TERM	NY MOSF	Lower	1348, 0.255, ESE
87	52 CRESCENT AVENUE	52 CRESCENT AVENUE	NY LTANKS	Higher	1430, 0.271, SW
Q88	RICHMOND TERR.& BAY	RICHMOND TERRACE & B	NY LTANKS	Higher	1443, 0.273, SE
P89	NYCDOT DIVISION OF F	ST. GEORGE FERRY TER	NY MOSF UST, NY MOSF AST	Lower	1450, 0.275, East
O90	ST GEORGE FERRY TERM	ST GEORGE FERRY TERM	NY LTANKS	Higher	1477, 0.280, SSE
Q91	THOMAS ANDREWS	ST. GEORGE FERRY TER	NY LTANKS	Higher	1477, 0.280, SE
Q92	STATEN ISLAND FERRY	1 BAY ST	NY LTANKS, NY Spills, NY SPDES	Higher	1494, 0.283, SE
93	APARTMENT	350 RICHMOND TERRACE	NY LTANKS	Lower	1576, 0.298, WNW
94	19-17 ST.MARKS PLACE	19-17 ST. MARKS PLAC	NY LTANKS	Higher	1653, 0.313, West
95	1 RICHMOND TERRACE	1 RICHMOND TERRACE	NY LTANKS, NY Spills	Lower	1669, 0.316, ESE
R96	UNDERGROUND - TTF	157 DANIEL LOW TERRA	NY LTANKS	Higher	1697, 0.321, South
R97	157 DANIEL LOW TERRA	157 DANIEL LOW TERRA	NY LTANKS	Higher	1697, 0.321, South
98	5 BAY STREET	5 BAY STREET	NY VCP	Lower	1853, 0.351, SE
S99	#2-322687	60 BAY ST	NY LTANKS	Higher	1875, 0.355, SSE
S100	ALLIED 60 BAY STREET	60 BAY STREET	NY LTANKS, NY UST, NY Spills	Higher	1875, 0.355, SSE
101	RICHMOND TERRACE HOU	61 JERSEY STREET	NY LTANKS, NY UST	Higher	2191, 0.415, West
102	CHURCH	109 YORK AVE	NY LTANKS	Higher	2214, 0.419, WSW
103	KAMARAN DELI	506 RICHMOND TERR	NY LTANKS, NY Spills	Lower	2497, 0.473, West
104	NEW YORK FRAGRANCE C	600 RICHMOND TER	NY SHWS, NY MANIFEST	Lower	3386, 0.641, West
105	HESS FORMER CORRUGAT	401 HOOK RD	RCRA-LQG, NJ SHWS, NJ UST, NJ INST CONTROL, NJ...	Lower	3853, 0.730, NW
106	BLUE CIRCLE CEMENT I	6 COMMERCE ST	NJ SHWS, NJ UST, NJ ENG CONTROLS, NJ BROWNFIELDS	Lower	4675, 0.885, WNW
107	AMERADA HESS CORP	420 HOOK RD	NJ SHWS	Lower	4791, 0.907, NW
T108	DOMENICO TOURS INC	71 75 HOOK RD	NJ SHWS, FINDS, ECHO	Lower	4886, 0.925, WNW
T109	GARDEN STATE CONVERT	63 65 N HOOK RD	NJ SHWS, NJ ENG CONTROLS, NJ BROWNFIELDS	Lower	4909, 0.930, WNW
T110	BAYONNE CITY SLF	61 N HOOK RD	NJ SHWS, NJ ENG CONTROLS, NJ VCP, NJ BROWNFIELDS	Lower	4917, 0.931, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ---------- Emergency Response Notification System

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

NY SWF/LF ---------- Facility Register

NJ SWF/LF Solid Waste Facility Directory

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST Underground Storage Tank Listing
NY CBS UST Chemical Bulk Storage Database
NY CBS Chemical Bulk Storage Site Listing
NY CBS AST Chemical Bulk Storage Database
INDIAN UST Underground Storage Tanks on Indian Land
NY TANKS Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

NY RES DECL Restrictive Declarations Listing
NY ENG CONTROLS Registry of Engineering Controls
NY INST CONTROL Registry of Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY BROWNFIELDS Brownfields Site List
NY ERP Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWRCY Registered Recycling Facility List
NY SWTIRE Registered Waste Tire Storage & Facility List
NJ SWRCY Approved Class B Recycling Facilities
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

NY HIST UST Historical Petroleum Bulk Storage Database

NY HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---- Spill Liens Information
NJ LIENS ---- Environmental LIENS
LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
NY AIRS ---- Air Emissions Data

NY COAL ASH Coal Ash Disposal Site Listing
NJ COAL ASH Coal Ash Listing
NY DRYCLEANERS Registered Drycleaners
NJ DRYCLEANERS Drycleaner List
NY Financial Assurance Financial Assurance Information Listing
NY HSWDS Hazardous Substance Waste Disposal Site Inventory
NJ NPDES New Jersey Pollutant Discharge Elimination System Dischargers
NY VAPOR REOPENED Vapor Intrusion Legacy Site List
NY UIC Underground Injection Control Wells
NJ UIC Underground Injection Wells Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1

RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE	***RICHMOND TARRACE &AM***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O81***	***192***

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF EDUCATIO	120 STUYVESANT PL	SSE 1/8 - 1/4 (0.142 mi.)	J57	135
NYC DEPT OF EDUCATIO	290 ST MARKS PL	S 1/8 - 1/4 (0.168 mi.)	K65	152

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF EDUCATIO	***300 RICHMOND TER***	***WNW 1/8 - 1/4 (0.213 mi.)***	***N74***	***173***

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RICHMOND HEALTH CENT	***51 STUYVESANT PL***	***SSE 0 - 1/8 (0.033 mi.)***	***B6***	***17***
CURTIS HIGH SCHOOL	***HAMILTON AVE & ST MA***	***WSW 1/8 - 1/4 (0.134 mi.)***	***54***	***124***

State- and tribal - equivalent CERCLIS

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

A review of the NY SHWS list, as provided by EDR, and dated 05/14/2018 has revealed that there is 1 NY SHWS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEW YORK FRAGRANCE C	***600 RICHMOND TER***	***W 1/2 - 1 (0.641 mi.)***	***104***	***262***

Site Code: 57774

NJ SHWS: Known contaminated sites in New Jersey except those associated with Bureau of Underground Storage Sites (BUST)

A review of the NJ SHWS list, as provided by EDR, and dated 05/07/2018 has revealed that there are 6 NJ SHWS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HESS FORMER CORRUGAT Site ID: 379948 Status: Active	***401 HOOK RD***	***NW 1/2 - 1 (0.730 mi.)***	***105***	***264***
BLUE CIRCLE CEMENT I Site ID: 7674 Status: Closed	***6 COMMERCE ST***	***WNW 1/2 - 1 (0.885 mi.)***	***106***	***285***
AMERADA HESS CORP Site ID: 15745 Status: Active	420 HOOK RD	NW 1/2 - 1 (0.907 mi.)	107	298
DOMENICO TOURS INC Site ID: 41722 Status: Active	***71 75 HOOK RD***	***WNW 1/2 - 1 (0.925 mi.)***	***T108***	***298***
GARDEN STATE CONVERT Site ID: 7647 Status: Closed	***63 65 N HOOK RD***	***WNW 1/2 - 1 (0.930 mi.)***	***T109***	***299***
BAYONNE CITY SLF Site ID: 73913 Status: Closed	***61 N HOOK RD***	***WNW 1/2 - 1 (0.931 mi.)***	***T110***	***304***

State and tribal leaking storage tank lists

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

A review of the NY LTANKS list, as provided by EDR, and dated 05/14/2018 has revealed that there are 25 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLOSED-LACKOF RECENT Date Closed: 2003-03-05 Site ID: 108995 Program Number: 8803005	***60 HAMILTON AVE***	***SSW 0 - 1/8 (0.047 mi.)***	***B13***	***33***
APARTMENT BLDG. Date Closed: 2008-07-02 Site ID: 400394 Program Number: 0803628	***165 ST. MARKS PLACE***	***WSW 0 - 1/8 (0.069 mi.)***	***D21***	***50***
50 WALL ST	***50 WALL STREET***	***SSE 0 - 1/8 (0.113 mi.)***	***G48***	***114***

Date Closed: 2006-03-16 Site ID: 193938 Program Number: 0208648				
CLOSED-LACKOF RECENT Date Closed: 2003-03-06 Site ID: 167377 Program Number: 9011492	120 STAVESENT PLACE	SSE 1/8 - 1/4 (0.144 mi.)	J59	141
RIVINGTON ASSOCIATES Date Closed: 2004-04-21 Date Closed: 2004-01-20 Site ID: 247828 Site ID: 247829 Program Number: 0311679 Program Number: 0311680	299 SAINT MARKS PLAC	SSE 1/8 - 1/4 (0.166 mi.)	K64	150
130 STUYVESANT PLACE Date Closed: 1992-08-03 Date Closed: 1998-02-06 Site ID: 231810 Site ID: 231811 Program Number: 9007462 Program Number: 9205102	***130 STUYVESANT PLACE***	***SSE 1/8 - 1/4 (0.185 mi.)***	***M71***	***164***
STATEN ISLAND SAVING Date Closed: 2005-11-28 Site ID: 328623 Program Number: 9804984	***15 HYATT STREET***	***SSE 1/8 - 1/4 (0.223 mi.)***	***M76***	***178***
NYC - STATEN ISLAND Date Closed: 2011-03-21 Date Closed: 2013-09-25 Site ID: 443179 Site ID: 400632 Program Number: 1009619 Program Number: 0803835	***10 RICHMOND TER***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O80***	***186***
PRIVATE HOME Date Closed: 2013-01-03 Site ID: 382931 Program Number: 0703073	56 ST MARKS	W 1/8 - 1/4 (0.244 mi.)	85	204
52 CRESCENT AVENUE Date Closed: 1994-03-08 Site ID: 278978 Program Number: 9314204	52 CRESCENT AVENUE	SW 1/4 - 1/2 (0.271 mi.)	87	205
RICHMOND TERR.& BAY Date Closed: 1987-12-26 Site ID: 323510 Program Number: 8708306	RICHMOND TERRACE & B	SE 1/4 - 1/2 (0.273 mi.)	Q88	206
ST GEORGE FERRY TERM Date Closed: 1995-07-11 Site ID: 147817 Program Number: 9102859	ST GEORGE FERRY TERM	SSE 1/4 - 1/2 (0.280 mi.)	O90	216
THOMAS ANDREWS Date Closed: 1997-07-31 Site ID: 124864	ST. GEORGE FERRY TER	SE 1/4 - 1/2 (0.280 mi.)	Q91	217

Program Number: 9306703				
STATEN ISLAND FERRY Date Closed: 2008-10-06 Site ID: 387042 Program Number: 0706511	***1 BAY ST***	***SE 1/4 - 1/2 (0.283 mi.)***	***Q92***	***218***
19-17 ST.MARKS PLACE Date Closed: 2004-10-05 Site ID: 304871 Program Number: 9614143	19-17 ST. MARKS PLAC	W 1/4 - 1/2 (0.313 mi.)	94	233
UNDERGROUND - TTF Date Closed: 2017-07-12 Site ID: 494577 Program Number: 1401301	157 DANIEL LOW TERRA	S 1/4 - 1/2 (0.321 mi.)	R96	239
157 DANIEL LOW TERRA Date Closed: 2014-11-28 Site ID: 265188 Program Number: 9803245	157 DANIEL LOW TERRA	S 1/4 - 1/2 (0.321 mi.)	R97	240
#2-322687 Date Closed: 2017-05-25 Site ID: 535472 Program Number: 1607796	60 BAY ST	SSE 1/4 - 1/2 (0.355 mi.)	S99	243
ALLIED 60 BAY STREET Date Closed: 2004-07-27 Site ID: 222366 Program Number: 0203233	***60 BAY STREET***	***SSE 1/4 - 1/2 (0.355 mi.)***	***S100***	***245***
RICHMOND TERRACE HOU Date Closed: 2005-11-07 Date Closed: 2015-12-30 Date Closed: 1995-04-27 Site ID: 133267 Site ID: 191294 Site ID: 288096 Site ID: 288097 Program Number: 9414109 Program Number: 0104193 Program Number: 9413984 Program Number: 9415409	***61 JERSEY STREET***	***W 1/4 - 1/2 (0.415 mi.)***	***101***	***250***
CHURCH Date Closed: 2005-11-25 Site ID: 147990 Program Number: 0109824	109 YORK AVE	WSW 1/4 - 1/2 (0.419 mi.)	102	258

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
120 PRECINT Date Closed: 1993-01-06 Site ID: 308927 Program Number: 9211419	***78 RICHMOND TERRACE***	***SE 0 - 1/8 (0.073 mi.)***	***F30***	***71***
APARTMENT Date Closed: 2005-10-17 Site ID: 349967 Program Number: 0505019	350 RICHMOND TERRACE	WNW 1/4 - 1/2 (0.298 mi.)	93	232
1 RICHMOND TERRACE	***1 RICHMOND TERRACE***	***ESE 1/4 - 1/2 (0.316 mi.)***	***95***	***235***

Date Closed: 1995-12-05
Site ID: 206646
Program Number: 9511154

KAMARAN DELI ***506 RICHMOND TERR*** ***W 1/4 - 1/2 (0.473 mi.)*** ***103*** ***260***
Date Closed: 2003-03-03
Site ID: 208622
Program Number: 9711331

State and tribal registered storage tank lists

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

A review of the NY UST list, as provided by EDR, has revealed that there are 14 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
36 HAMILTON AVENUE T Database: UST, Date of Government Version: 06/25/2018	36 HAMILTON AVENUE	SSE 0 - 1/8 (0.018 mi.)	B3	11
NYC DEPARTMENT OF HE Database: UST, Date of Government Version: 06/25/2018	RICHMOND DISTRICT HE	SSE 0 - 1/8 (0.033 mi.)	B4	13
SIXTY HAMILTON, LLC Database: UST, Date of Government Version: 06/25/2018	60 HAMILTON AVENUE	SSW 0 - 1/8 (0.047 mi.)	B12	31
CASTLETON PRESERVATI Database: UST, Date of Government Version: 06/25/2018	165 3SAINT MARKS PLA	WSW 0 - 1/8 (0.069 mi.)	D22	53
50 WALL ST Database: UST, Date of Government Version: 06/25/2018	***50 WALL STREET***	***SSE 0 - 1/8 (0.113 mi.)***	***G48***	***114***
GATEWAY ARMS/APARTME Database: UST, Date of Government Version: 06/25/2018	285 SAINT MARKS PLAC	S 1/8 - 1/4 (0.140 mi.)	K55	131
120 STUYVESANT PLACE Database: UST, Date of Government Version: 06/25/2018	***120 STUYVESANT PLACE***	***SSE 1/8 - 1/4 (0.142 mi.)***	***J58***	***136***
BENEDICT REALTY CO Database: UST, Date of Government Version: 06/25/2018	36 RICHMOND TERR	SE 1/8 - 1/4 (0.155 mi.)	L62	146
130 STUYVESANT PLACE Database: UST, Date of Government Version: 06/25/2018	***130 STUYVESANT PLACE***	***SSE 1/8 - 1/4 (0.185 mi.)***	***M71***	***164***
STATEN ISLAND SAVING Database: UST, Date of Government Version: 06/25/2018	***15 HYATT ST***	***SSE 1/8 - 1/4 (0.223 mi.)***	***M77***	***180***
STATEN ISLAND BOROUG Database: UST, Date of Government Version: 06/25/2018	***10 RICHMOND TERRACE***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O83***	***198***
UNOCCUPIED Database: UST, Date of Government Version: 06/25/2018	152 STUYVESANT PLACE	SSE 1/8 - 1/4 (0.241 mi.)	O84	202

Lower Elevation	Address	Direction / Distance	Map ID	Page
120TH PRECINCT Database: UST, Date of Government Version: 06/25/2018	78 RICHMOND TERRACE	SE 0 - 1/8 (0.073 mi.)	F26	62
BLOCK 2, LOT 20 Database: UST, Date of Government Version: 06/25/2018	INTERSECTION RICHMON	SE 0 - 1/8 (0.107 mi.)	F44	107

EXECUTIVE SUMMARY

NY MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY MOSF UST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYCDOT DIVISION OF F	***ST. GEORGE FERRY TER***	***E 1/4 - 1/2 (0.275 mi.)***	***P89***	***207***

NY MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the NY MOSF list, as provided by EDR, and dated 06/25/2018 has revealed that there is 1 NY MOSF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYCDOT STATEN ISLAND Tank Status: Unregulated/Closed Facility Id: 2-2540	ST GEORGE FERRY TERM	ESE 1/4 - 1/2 (0.255 mi.)	P86	205

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

A review of the NY AST list, as provided by EDR, has revealed that there are 17 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
36 HAMILTON AVENUE T Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-195227	36 HAMILTON AVENUE	SSE 0 - 1/8 (0.018 mi.)	B2	9
CLOSED-LACKOF RECENT Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-207152	***60 HAMILTON AVE***	***SSW 0 - 1/8 (0.047 mi.)***	***B13***	***33***
CASTLETON PRESERVATI Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-056170	165 3SAINT MARKS PLA	WSW 0 - 1/8 (0.083 mi.)	D31	88
141 EQUITIES LLC Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-069191	141-56 SAINT MARKS P	W 0 - 1/8 (0.085 mi.)	D32	90
HARBOR GARDENS ASSOC Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-114421	100 STUYVESANT PLACE	SSE 0 - 1/8 (0.112 mi.)	J46	110
GME REALTY, LLC. Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-096377	273 SAINT MARKS PL	S 0 - 1/8 (0.124 mi.)	G53	122
CURTIS HIGH SCHOOL Database: AST, Date of Government Version: 06/25/2018	***HAMILTON AVE & ST MA***	***WSW 1/8 - 1/4 (0.134 mi.)***	***54***	***124***

Facility Id: 2-351172

GATEWAY ARMS/APARTME	285 SAINT MARKS PLAC	S 1/8 - 1/4 (0.140 mi.)	K56	133
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-114391				
MC GREGOR ARMS REALT	115 STUYVESANT PL	SSE 1/8 - 1/4 (0.146 mi.)	J60	142
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-289000				
299 ST MARKS PL	299 SAINT MARKS PLAC	SSE 1/8 - 1/4 (0.166 mi.)	K63	148
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-069493				
RALPH R MCKEE VOC HS	290 ST. MARKS PLACE	S 1/8 - 1/4 (0.168 mi.)	K66	153
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-603801				
100 BELMONT PLACE	100 BELMONT PLACE	S 1/8 - 1/4 (0.171 mi.)	69	160
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-603265				
DANWAY REALTY LLC	30 DANIEL LOW TERRAC	SW 1/8 - 1/4 (0.189 mi.)	72	169
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-287903				
STATEN ISLAND BOROUG	***10 RICHMOND TERRACE***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O83***	***198***
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-216992				

Lower Elevation	Address	Direction / Distance	Map ID	Page
120TH PRECINCT	78 RICHMOND TERRACE	SE 0 - 1/8 (0.073 mi.)	F25	58
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-217212				
TROIANO APARTMENTS	250 RICHMOND TERRACE	WNW 0 - 1/8 (0.100 mi.)	I37	95
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-200239				
ST. PETERS SCHOOL	300 RICHMOND TERRACE	WNW 1/8 - 1/4 (0.213 mi.)	N75	175
Database: AST, Date of Government Version: 06/25/2018 Facility Id: 2-604079				

NY MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY MOSF AST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYCDOT DIVISION OF F	***ST. GEORGE FERRY TER***	***E 1/4 - 1/2 (0.275 mi.)***	***P89***	***207***
Facility Status: 1 Facility Status: 1				

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there is 1 NY VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
5 BAY STREET	5 BAY STREET	SE 1/4 - 1/2 (0.351 mi.)	98	242
Database: VCP NYC, Date of Government Version: 03/26/2018				

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

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

A review of the NY Spills list, as provided by EDR, and dated 05/14/2018 has revealed that there are 13 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
165 MARKS PLACE/STAT Date Closed: 1986-08-20 Spill Number: 8603334 Site ID: 93533	165 MARKS PLACE	W 0 - 1/8 (0.044 mi.)	D10	27
POLE # 23358 Date Closed: 2004-11-12 Spill Number: 0406165 Site ID: 109708	NICHOLAS ST / CARROL	WNW 0 - 1/8 (0.063 mi.)	D20	49
APARTMENT BLDG. Date Closed: 1997-02-25 Spill Number: 9613326 Site ID: 113633	***165 ST. MARKS PLACE***	***WSW 0 - 1/8 (0.069 mi.)***	***D21***	***50***
VEH 24536 LEAKED GAS Date Closed: 2006-05-15 Spill Number: 0600091 Site ID: 362027	STUYVESANT ST & WALL	SSE 0 - 1/8 (0.092 mi.)	F34	93
77 NICHOLA ST Date Closed: 1993-08-02 Spill Number: 9305393 Site ID: 323183	77 NICHOLA ST	W 0 - 1/8 (0.096 mi.)	H35	94
50 WALL ST Date Closed: 1993-12-17 Spill Number: 9311289	***50 WALL STREET***	***SSE 0 - 1/8 (0.113 mi.)***	***G48***	***114***

Site ID: 271728				
52 WALL STREET Date Closed: 1995-06-07 Spill Number: 9502904 Site ID: 179315	52 WALL STREET	S 0 - 1/8 (0.113 mi.)	G49	118
POLE 50006 Date Closed: 2001-09-27 Spill Number: 0003652 Site ID: 97068	62 WALL ST	S 0 - 1/8 (0.120 mi.)	G51	119
IN FORNT OF Date Closed: 2006-04-03 Spill Number: 0515046 Site ID: 361914	123 SAINT MARKS PLAC	W 0 - 1/8 (0.120 mi.)	H52	121

Lower Elevation	Address	Direction / Distance	Map ID	Page
PENN YARD Date Closed: 2003-05-27 Spill Number: 0009741 Site ID: 77455	RICHMOND TERRACE	NW 0 - 1/8 (0.070 mi.)	E23	55
120 PRECINT Date Closed: 2003-07-07 Date Closed: 1991-05-09 Date Closed: 2003-11-03 Date Closed: 2003-03-03 Spill Number: 0303359 Spill Number: 9101423 Spill Number: 9409082 Spill Number: 9803022 Spill Number: 0904952 Site ID: 308925 Site ID: 308926 Site ID: 308928 Site ID: 308929 Site ID: 417177	***78 RICHMOND TERRACE***	***SE 0 - 1/8 (0.073 mi.)***	***F30***	***71***
252 RICHMOND TERRACE Date Closed: 2005-12-22 Spill Number: 9801441 Site ID: 108791	252 RICHMOND TERRACE	WNW 0 - 1/8 (0.103 mi.)	I39	98
CSX RAILYARD Date Closed: 2001-03-06 Spill Number: 9903101 Site ID: 248680	WALL ST & RICHMOND A	SE 0 - 1/8 (0.112 mi.)	F47	113

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or

dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 13 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COLLEGE OF STATEN IS	***130 STUYVESENT PL***	***SSE 1/8 - 1/4 (0.185 mi.)***	***M70***	***162***
VS305	***HYATT ST. AND STUYVE***	***SSE 1/8 - 1/4 (0.234 mi.)***	***O79***	***184***
NYC - STATEN ISLAND	***10 RICHMOND TER***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O80***	***186***
CON EDISON MANHOLE:	***10 RICHMOND TERR FRO***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O82***	***195***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
ST GEORGE SEAPORT	***RICHMOND TERR AT HAM***	***SE 0 - 1/8 (0.034 mi.)***	***C8***	***22***
NYC - STATEN ISLAND	***100 RICHMOND TER***	***SE 0 - 1/8 (0.046 mi.)***	***C11***	***28***
CON EDISON	***RICHMOND TER & NICHO***	***NW 0 - 1/8 (0.057 mi.)***	***E15***	***38***
CON EDISON - MH 133	***RICHMOND TERR & NICH***	***NW 0 - 1/8 (0.057 mi.)***	***E16***	***41***
CON EDISON MANHOLE:	***NICHOLAS ST & RICHMO***	***NW 0 - 1/8 (0.057 mi.)***	***E17***	***44***
CON EDISON MANHOLE:	***NICHOLAS ST & RICHMO***	***NW 0 - 1/8 (0.057 mi.)***	***E18***	***46***
CON EDISON	78 RICHMOND TERRACE	SE 0 - 1/8 (0.073 mi.)	F28	68
EMPIRE OUTLETS BUILD	***55B RICHMOND TER***	***SE 0 - 1/8 (0.104 mi.)***	***F42***	***105***
NYC ECONOMIC DEV - B	***RICHMOND TER NICHOLA***	***ESE 1/8 - 1/4 (0.170 mi.)***	***68***	***157***

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

A review of the NY E DESIGNATION list, as provided by EDR, and dated 06/06/2018 has revealed that there are 5 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 8,TAXBLOCK 11	22 ACADEMY PLACE	S 0 - 1/8 (0.058 mi.)	B19	48
LOT 7,TAXBLOCK 11	249 ST MARK'S PLACE	S 0 - 1/8 (0.091 mi.)	G33	92
LOT 4,TAXBLOCK 11	251 ST MARKS PLACE	S 0 - 1/8 (0.097 mi.)	G36	95
LOT 3,TAXBLOCK 11	257 ST MARKS PLACE	S 0 - 1/8 (0.102 mi.)	G38	97
LOT 63,TAXBLOCK 7	85 STUYVESANT PLACE	SSE 0 - 1/8 (0.105 mi.)	F43	107

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

A review of the NY MANIFEST list, as provided by EDR, and dated 04/30/2018 has revealed that there are 25 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RICHMOND HEALTH CENT EPA ID: NYR000217463	51 STUYVESANT PL	SSE 0 - 1/8 (0.033 mi.)	B5	15
NYNEX EPA ID: NYP000795302	HAMILTON AVE & ST MA	SSW 0 - 1/8 (0.072 mi.)	24	56
CURTIS HIGH SCHOOL EPA ID: NYD986972164	***HAMILTON AVE & ST MA***	***WSW 1/8 - 1/4 (0.134 mi.)***	***54***	***124***
120 STUYVESANT PLACE	***120 STUYVESANT PLACE***	***SSE 1/8 - 1/4 (0.142 mi.)***	***J58***	***136***

EPA ID: NYR000220095				
CON EDISON EPA ID: NYP004718482	115 STUYVESANT PL	SSE 1/8 - 1/4 (0.146 mi.)	J61	144
NYC DEPT OF EDUCATIO EPA ID: NYR000213801	290 ST MARKS PL	S 1/8 - 1/4 (0.168 mi.)	K67	155
COLLEGE OF STATEN IS EPA ID: NYR000035279	***130 STUYVESENT PL***	***SSE 1/8 - 1/4 (0.185 mi.)***	***M70***	***162***
SUPREME COURT-STATEN EPA ID: NYP000944454	18 RICHMOND TR	SE 1/8 - 1/4 (0.196 mi.)	L73	171
CON EDISON EPA ID: NYP004714945	STUYVESANT PL & HYAT	SSE 1/8 - 1/4 (0.234 mi.)	O78	182
VS305 EPA ID: NYP004043691	***HYATT ST. AND STUYVE***	***SSE 1/8 - 1/4 (0.234 mi.)***	***O79***	***184***
NYC - STATEN ISLAND EPA ID: NYR000024299	***10 RICHMOND TER***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O80***	***186***
CON EDISON - MANHOLE EPA ID: NYP004325379	***RICHMOND TARRACE &AM***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O81***	***192***
CON EDISON MANHOLE: EPA ID: NYP004325361	***10 RICHMOND TERR FRO***	***SSE 1/8 - 1/4 (0.239 mi.)***	***O82***	***195***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004650461	194 RICHMOND TERRACE	0 - 1/8 (0.000 mi.)	A1	8
ST GEORGE SEAPORT EPA ID: NYD982738890	***RICHMOND TERR AT HAM***	***SE 0 - 1/8 (0.034 mi.)***	***C8***	***22***
CON ED EPA ID: NYP004913750	224 RICHMOND TER	NW 0 - 1/8 (0.040 mi.)	A9	25
NYC - STATEN ISLAND EPA ID: NYR000024307	***100 RICHMOND TER***	***SE 0 - 1/8 (0.046 mi.)***	***C11***	***28***
CON EDISON EPA ID: NYP004157053	***RICHMOND TER & NICHO***	***NW 0 - 1/8 (0.057 mi.)***	***E15***	***38***
CON EDISON - MH 133 EPA ID: NYP004114963	***RICHMOND TERR & NICH***	***NW 0 - 1/8 (0.057 mi.)***	***E16***	***41***
CON EDISON MANHOLE: EPA ID: NYP004157038	***NICHOLAS ST & RICHMO***	***NW 0 - 1/8 (0.057 mi.)***	***E17***	***44***
CON EDISON MANHOLE: EPA ID: NYP004157020	***NICHOLAS ST & RICHMO***	***NW 0 - 1/8 (0.057 mi.)***	***E18***	***46***
CON EDISON EPA ID: NYP004830382	78 RICHMOND TER	SE 0 - 1/8 (0.073 mi.)	F27	67
ST GEORGE DEVELOPMEN EPA ID: NYR000228601	55B RICHMOND TER	SE 0 - 1/8 (0.104 mi.)	F40	99
NYC ECONOMIC DEV - B EPA ID: NYR000070201	***RICHMOND TER NICHOLA***	***ESE 1/8 - 1/4 (0.170 mi.)***	***68***	***157***
NYC DEPT OF EDUCATIO EPA ID: NYR000197814	***300 RICHMOND TER***	***WNW 1/8 - 1/4 (0.213 mi.)***	***N74***	***173***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there are 5 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RICHMOND HEALTH CENT EPA Id: NYR000217463	51 STUYVESANT PL	SSE 0 - 1/8 (0.033 mi.)	B7	20

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST GEORGE SEAPORT EPA ID: NYD982738890	***RICHMOND TERR AT HAM***	***SE 0 - 1/8 (0.034 mi.)***	***C8***	***22***
CONSOLIDATED EDISON EPA Id: NYP004124442	RICHMOND TER & NICHO	NW 0 - 1/8 (0.057 mi.)	E14	37
CON EDISON EPA ID: NYP004157053	***RICHMOND TER & NICHO***	***NW 0 - 1/8 (0.057 mi.)***	***E15***	***38***
CON EDISON EPA Id: NYP004830382	78 RICHMOND TERRACE	SE 0 - 1/8 (0.073 mi.)	F29	70

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2016 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ST GEORGE DEVELOPMEN Generator EPA Id: NYR000228601	55B RICHMOND TERRACE	SE 0 - 1/8 (0.104 mi.)	F41	100

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

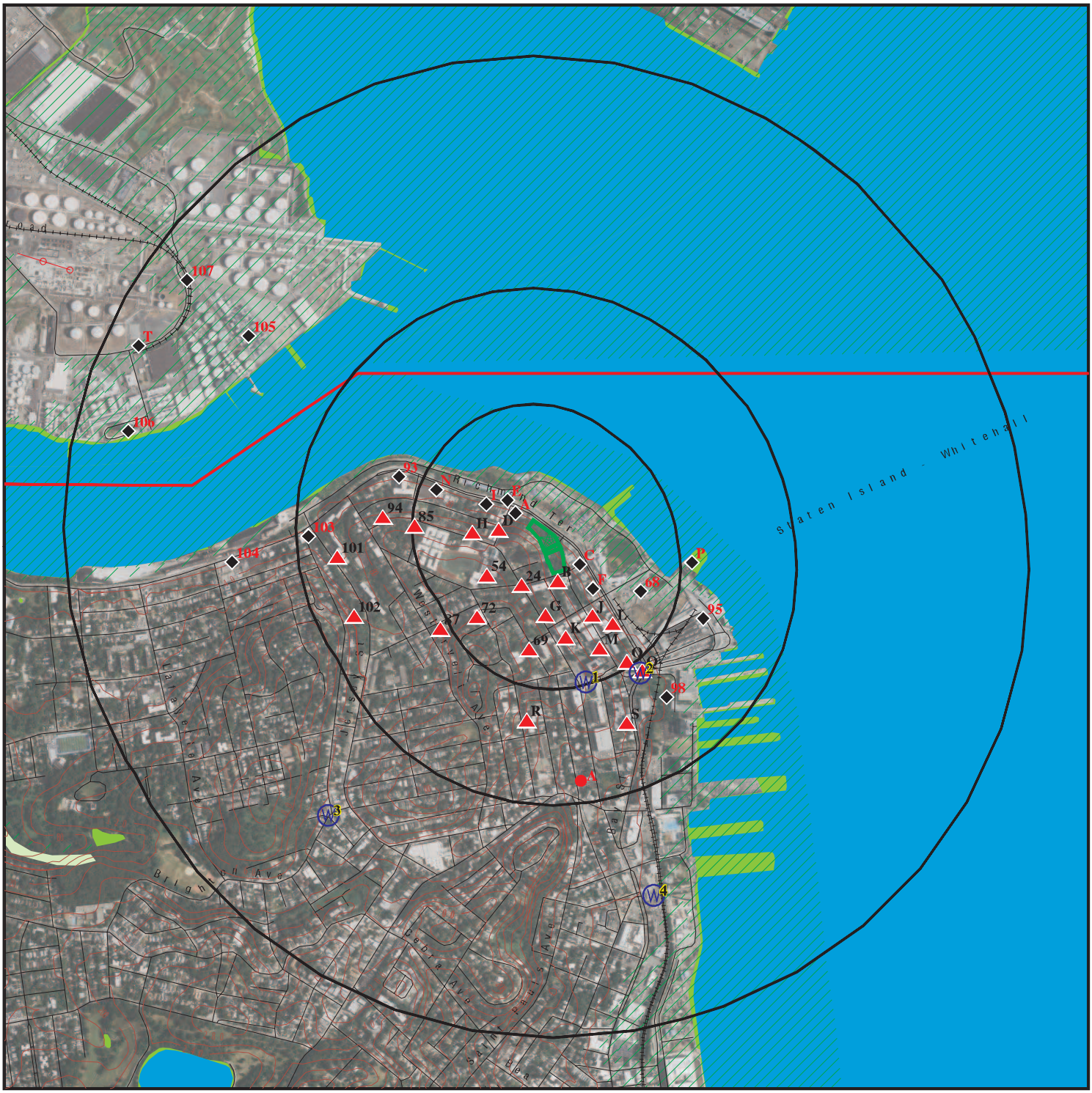
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MILLER PAUL INC	100 STIVESANT PL	SSE 0 - 1/8 (0.112 mi.)	J45	110
SAINT GEORGE LAUNDRO	93 STUYVESANT PL	SSE 0 - 1/8 (0.115 mi.)	J50	119

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

Site Name	Database(s)
BALLPARK AT ST. GEORGE STATION	NY ENG CONTROLS, NY INST CONTROL, NY VCP
DROGIN PROPERTY	NJ SHWS, NJ VCP
CONRAIL PROPERTY	NJ SHWS, NJ VCP
STATEN ISLAND WAREHOUSE	SEMS-ARCHIVE
SPILL NUMBER 0104248	NY LTANKS
STAPLETON ANCHORAGE	NY LTANKS
ON DEP PROPERTY	NY Spills

OVERVIEW MAP - 5399096.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Upgradient Area

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

SITE NAME:	Undeveloped Property	CLIENT:	Env. Business Consultants
ADDRESS:	170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl Staten Island NY 10301	CONTACT:	Keith Butler
LAT/LONG:	40.646157 / 74.079145	INQUIRY #:	5399096.2s
		DATE:	August 20, 2018 3:15 pm

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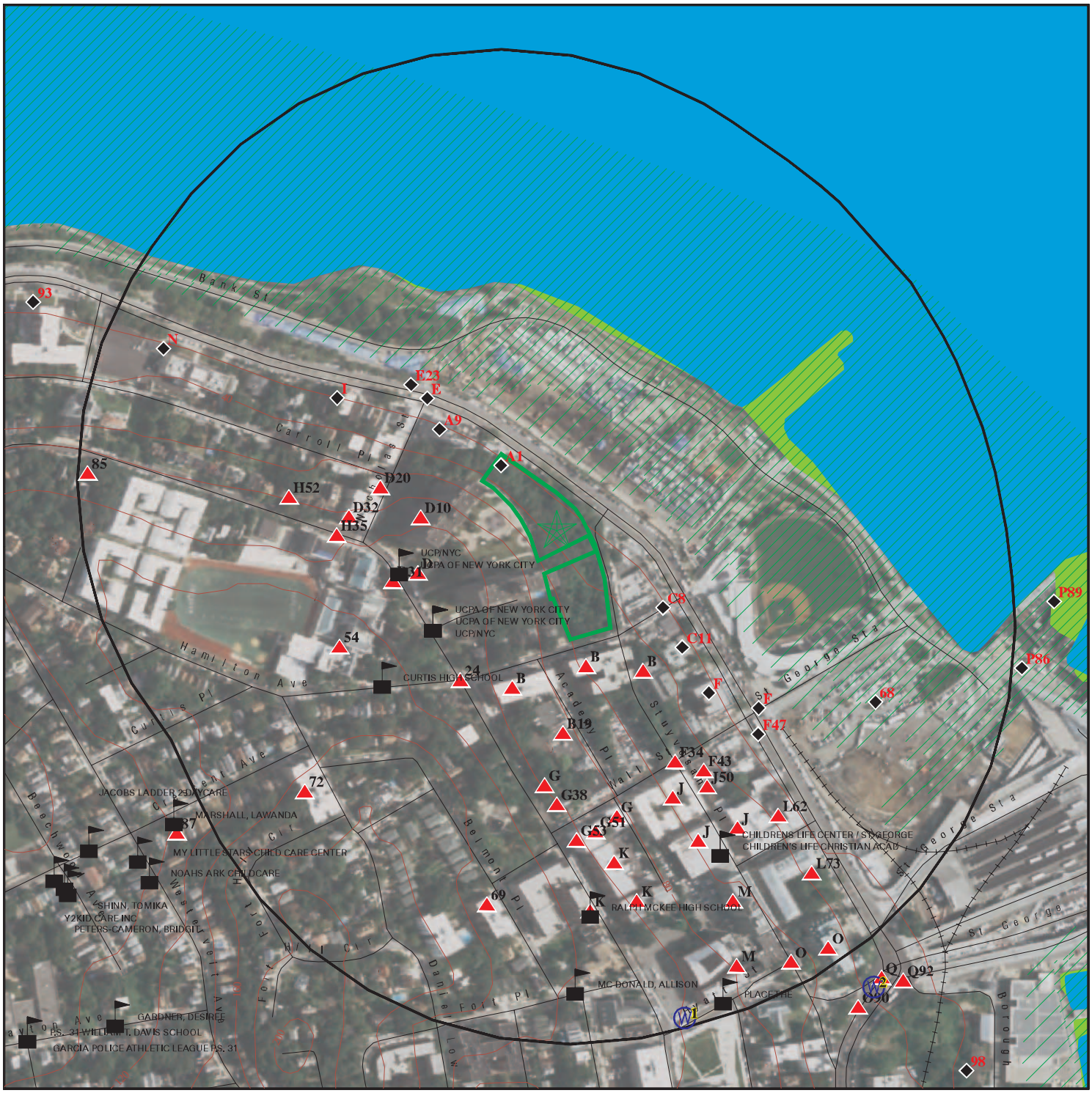
DETAIL MAP - 5399096.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME:	Undeveloped Property	CLIENT:	Env. Business Consultants
ADDRESS:	170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl Staten Island NY 10301	CONTACT:	Keith Butler
LAT/LONG:	40.646157 / 74.079145	INQUIRY #:	5399096.2s
		DATE:	August 20, 2018 3:17 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	3	NR	NR	NR	3
RCRA-CESQG	0.250		1	1	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	0	0	1	NR	1
NJ SHWS	1.000		0	0	0	6	NR	6
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	0	0	NR	NR	0
NJ SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		4	6	15	NR	NR	25

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		7	7	NR	NR	NR	14
NJ UST	0.250		0	0	NR	NR	NR	0
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	1	NR	NR	1
NY MOSF	0.500		0	0	1	NR	NR	1
NY CBS	0.250		0	0	NR	NR	NR	0
NY AST	0.250		8	9	NR	NR	NR	17
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	1	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NJ ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
NJ INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
NJ VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		0	0	0	NR	NR	0
NJ BROWNFIELDS	0.500		0	0	0	NR	NR	0
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	0.500		0	0	0	NR	NR	0
NJ SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0
NJ LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		13	NR	NR	NR	NR	13
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NJ SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
NJ SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		8	5	NR	NR	NR	13
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NJ AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NJ COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NJ DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY E DESIGNATION	0.125		5	NR	NR	NR	NR	5
NJ Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		12	13	NR	NR	NR	25
NJ MANIFEST	0.250		5	0	NR	NR	NR	5
PA MANIFEST	0.250		1	0	NR	NR	NR	1
NJ NPDES	TP		NR	NR	NR	NR	NR	0
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NJ UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NJ RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
NJ RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	66	45	19	7	0	137

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CON EDISON** **NY MANIFEST** **S117737435**
194 RICHMOND TERRACE **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
1 ft.

Site 1 of 2 in cluster A

Relative: **Lower**

Actual: **25 ft.**

NY MANIFEST:

Country:	USA
EPA ID:	NYP004650461
Facility Status:	Not reported
Location Address 1:	194 RICHMOND TERRACE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004650461
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	09/12/2014
Trans1 Recv Date:	09/12/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/12/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004650461
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013255682JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported

CON EDISON (Continued) **S117737435**

Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B2 **36 HAMILTON AVENUE TENANT'S CORP.** **NY AST** **A100168828**
SSE **36 HAMILTON AVENUE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.018 mi.
97 ft. **Site 1 of 9 in cluster B**

Relative:
Higher

Actual:
57 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-195227
Program Type:	PBS
UTM X:	577873.08856
UTM Y:	4499750.48905
Expiration Date:	09/19/2015
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	6299
Affiliation Type:	Mail Contact
Company Name:	DERMER MANAGEMENT
Contact Type:	Not reported
Contact Name:	MATTHEW MAHLER
Address1:	10 EAST 40TH STREET
Address2:	SUITE 1310
City:	NEW YORK
State:	NY
Zip Code:	10016
Country Code:	001
Phone:	(212) 683-6655
EMail:	Not reported
Fax Number:	Not reported

36 HAMILTON AVENUE TENANT'S CORP. (Continued) **A100168828**

Modified By:	NRLOMBAR
Date Last Modified:	2015-04-23
Site Id:	6299
Affiliation Type:	Facility Operator
Company Name:	36 HAMILTON AVENUE TENANTS CORP.
Contact Type:	Not reported
Contact Name:	MICHAEL SEGRETO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 727-4723
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-20
Site Id:	6299
Affiliation Type:	Emergency Contact
Company Name:	36 HAMILTON AVENUE TENANTS CORP
Contact Type:	Not reported
Contact Name:	STEVE GREENBAUM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 944-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-20
Site Id:	6299
Affiliation Type:	Facility Owner
Company Name:	36 HAMILTON AVENUE TENANTS CORP
Contact Type:	DIRECTOR OF PROPERTY MANAGEMENT
Contact Name:	STEVEN GREENBAUM
Address1:	1981 MARCUS AVE. STE. C131
Address2:	Not reported
City:	LAKE SUCCESS
State:	NY
Zip Code:	11042
Country Code:	001
Phone:	(516) 944-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-20

Tank Info:

Tank Number:	02

36 HAMILTON AVENUE TENANT'S CORP. (Continued) **A100168828**

Tank Id: 58616
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/2000
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

B3 **36 HAMILTON AVENUE TENANT'S CORP.** **NY UST** **U004076690**
SSE **36 HAMILTON AVENUE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.018 mi.
97 ft. **Site 2 of 9 in cluster B**

Relative:
Higher

Actual:
57 ft.

UST:
Id/Status: 2-195227 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 09/19/2015
UTM X: 577873.08856
UTM Y: 4499750.48905
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 6299
Affiliation Type: Mail Contact
Company Name: DERMER MANAGEMENT
Contact Type: Not reported
Contact Name: MATTHEW MAHLER
Address1: 10 EAST 40TH STREET
Address2: SUITE 1310
City: NEW YORK
State: NY

36 HAMILTON AVENUE TENANT'S CORP. (Continued) **U004076690**

Zip Code:	10016
Country Code:	001
Phone:	(212) 683-6655
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2015-04-23

Site Id:	6299
Affiliation Type:	Facility Operator
Company Name:	36 HAMILTON AVENUE TENANTS CORP.
Contact Type:	Not reported
Contact Name:	MICHAEL SEGRETO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 727-4723
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-20

Site Id:	6299
Affiliation Type:	Emergency Contact
Company Name:	36 HAMILTON AVENUE TENANTS CORP
Contact Type:	Not reported
Contact Name:	STEVE GREENBAUM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(516) 944-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-20

Site Id:	6299
Affiliation Type:	Facility Owner
Company Name:	36 HAMILTON AVENUE TENANTS CORP
Contact Type:	DIRECTOR OF PROPERTY MANAGEMENT
Contact Name:	STEVEN GREENBAUM
Address1:	1981 MARCUS AVE. STE. C131
Address2:	Not reported
City:	LAKE SUCCESS
State:	NY
Zip Code:	11042
Country Code:	001
Phone:	(516) 944-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS

36 HAMILTON AVENUE TENANT'S CORP. (Continued) **U004076690**

Date Last Modified: 2010-07-20

Tank Info:

Tank Number:	01
Tank ID:	10868
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	10000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	12/01/1998
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

B4 **NYC DEPARTMENT OF HEALTH** **NY UST** **U001838027**
SSE **RICHMOND DISTRICT HEALTH CENTER** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.033 mi.
172 ft. **Site 3 of 9 in cluster B**

Relative:
Higher

Actual:
51 ft.

UST:

Id/Status:	2-219061 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	577931.93750
UTM Y:	4499738.50000
Site Type:	Other

Affiliation Records:

Site Id:	8376
Affiliation Type:	Facility Owner
Company Name:	NYC DEPARTMENT OF HEALTH
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	125 WORTH STREET
Address2:	Not reported

NYC DEPARTMENT OF HEALTH (Continued) **U001838027**

City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(212) 788-5300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2004-10-28

Site Id:	8376
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPARTMENT OF HEALTH
Contact Type:	Not reported
Contact Name:	WAJID FARIDI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 676-2201
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8376
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT. OF HEALTH - BUREAU OF OPERATIONS
Contact Type:	Not reported
Contact Name:	STUART W. MIRSKY
Address1:	125 WORTH STREET, ROOM 1020, CN 10
Address2:	Not reported
City:	NEW YORK,
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(212) 788-5300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8376
Affiliation Type:	Facility Operator
Company Name:	NYC DEPARTMENT OF HEALTH
Contact Type:	Not reported
Contact Name:	KEVIN MC GRATH HSM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 983-4502
EMail:	Not reported

NYC DEPARTMENT OF HEALTH (Continued) **U001838027**

Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 24077
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3088
Install Date: 12/01/1937
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 00
Date Test: 10/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

B5 **RICHMOND HEALTH CENTER** **NY MANIFEST** **S118091665**
SSE **51 STUYVESANT PL** **N/A**
< 1/8 **STATEN ISLAND, NY 10302**
0.033 mi.
175 ft. **Site 4 of 9 in cluster B**

Relative:
Higher

Actual:
46 ft.

NY MANIFEST:
Country: USA
EPA ID: NYR000217463
Facility Status: Not reported
Location Address 1: 51 STUYVESANT PL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10302
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000217463

RICHMOND HEALTH CENTER (Continued) **S118091665**

Mailing Name:	RICHMOND HEALTH CENTER
Mailing Contact:	NYC DEPT OF HEALTH & MENTAL HYGIENE
Mailing Address 1:	42-09 28TH ST - WS 16-32
Mailing Address 2:	PO BOX CN-8
Mailing City:	QUEENS
Mailing State:	NY
Mailing Zip:	11101
Mailing Zip 4:	4132
Mailing Country:	USA
Mailing Phone:	3073966454

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	06/12/2015
Trans1 Recv Date:	06/12/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/12/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000217463
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	013244794JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	P - Pounds
Number of Containers:	2
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported

RICHMOND HEALTH CENTER (Continued) **S118091665**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B6 **RICHMOND HEALTH CENTER** **RCRA-CESQG 1017780154**
SSE **51 STUYVESANT PL** **FINDS NYR000217463**
< 1/8 **STATEN ISLAND, NY 10302**
0.033 mi.
175 ft. **Site 5 of 9 in cluster B**

Relative:
Higher

Actual:
46 ft.

RCRA-CESQG:
Date form received by agency: 02/12/2015
Facility name: RICHMOND HEALTH CENTER
Facility address: 51 STUYVESANT PL
STATEN ISLAND, NY 10302
EPA ID: NYR000217463
Mailing address: GOTHAM CENTER
42-09 28TH ST PO BOX CN-8
QUEENS, NY 11101-4132
Contact: GEORGE TROIANO
Contact address: GOTHAM CENTER 42-09 28TH ST PO BOX CN-8
QUEENS, NY 11101-4132
Contact country: US
Contact telephone: 347-396-6454
Contact email: GTROIANO@HEALTH.NYC.GOV
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: NYC DOHMH GOTHAM CENTER
Owner/operator address: 28TH ST
QUEENS, NY 11101
Owner/operator country: US
Owner/operator telephone: 347-396-6753
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 03/01/1940

RICHMOND HEALTH CENTER (Continued) **1017780154**

Owner/Op end date: Not reported

Owner/operator name: SHEILA BENJAMIN
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 11/15/2011
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

RICHMOND HEALTH CENTER (Continued) **1017780154**

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D038
. Waste name: PYRIDINE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

RICHMOND HEALTH CENTER (Continued) **1017780154**

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U188
. Waste name: PHENOL

. Waste code: B001
. Waste name: B001

. Waste code: B002
. Waste name: B002

. Waste code: B003
. Waste name: B003

. Waste code: B004
. Waste name: B004

Violation Status: No violations found

FINDS:

Registry ID: 110063756939

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

B7 **RICHMOND HEALTH CENTER** **NJ MANIFEST** **S120679074**
SSE **51 STUYVESANT PL** **N/A**
< 1/8 **STATEN ISLAND, NY 10302**
0.033 mi.
175 ft. **Site 6 of 9 in cluster B**

Relative: **Higher**

Actual: **46 ft.**

NJ MANIFEST:

EPA Id:	NYR000217463
Mail Address:	GOTHAM CENTER
Mail City/State/Zip:	QUEENS, NY 11101-4132
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	GEORGE TROIANO
Comments:	Not reported

RICHMOND HEALTH CENTER (Continued) **S120679074**

SIC Code:	Not reported
County:	NY085
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	013244794JJK
EPA ID:	NYR000217463
Date Shipped:	6/12/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	QUEENS, NY 11101-4132
Reason Load Was Rejected:	Not reported

C8 **ST GEORGE SEAPORT** **RCRA NonGen / NLR** **1000233754**
SE **RICHMOND TERR AT HAMILTON** **NJ MANIFEST** **NYD982738890**
< 1/8 **STATEN ISLAND, NY 10301** **NY MANIFEST**
0.034 mi.
179 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
22 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/05/2007
Facility name:	ST GEORGE SEAPORT
Facility address:	RICHMOND TERR AT HAMILTON STATEN ISLAND, NY 10301
EPA ID:	NYD982738890
Mailing address:	WALL ST 24TH FL NEW YORK, NY 10005
Contact:	MARY L KEATING
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	212-442-7730
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/04/2007
Site name:	ST GEORGE SEAPORT
Classification:	Not a generator, verified

Date form received by agency:	01/04/2007
Site name:	ST GEORGE SEAPORT
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	07/08/1999
Site name:	ST GEORGE SEAPORT
Classification:	Not a generator, verified

Date form received by agency:	08/01/1989
Site name:	ST GEORGE SEAPORT
Classification:	Large Quantity Generator

ST GEORGE SEAPORT (Continued) **1000233754**

. Waste code: X003
. Waste name: OTHER STATE REGULATED WASTES [i.e., DIESEL FUEL, GASOLINE AND HOME HEATING OIL]

Violation Status: No violations found

NJ MANIFEST:

EPA Id:	NYD982738890
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	2128403990
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	000000

Manifest:

Manifest Number:	NJA5288282
EPA ID:	NYD982738890
Date Shipped:	05/02/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD982792384
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/02/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/08/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported

ST GEORGE SEAPORT (Continued) **1000233754**

Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	07170625
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

NY MANIFEST:

Country:	USA
EPA ID:	NYD982738890
Facility Status:	Not reported
Location Address 1:	RICHMOND TERRACE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10314
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD982738890
Mailing Name:	SAINT GEORGE SEAPORT
Mailing Contact:	SAINT GEORGE SEAPORT
Mailing Address 1:	RICHMOND TERRACE
Mailing Address 2:	Not reported
Mailing City:	STATEN ISLAND
Mailing State:	NY
Mailing Zip:	10314
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2128403990

NY MANIFEST:

Document ID:	NJA0603777
Manifest Status:	C
seq:	Not reported
Year:	1989
Trans1 State ID:	NJDEPS226
Trans2 State ID:	Not reported
Generator Ship Date:	08/03/1989
Trans1 Recv Date:	08/03/1989
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/03/1989
Part A Recv Date:	08/28/1989
Part B Recv Date:	08/11/1989
Generator EPA ID:	NYD982738890
Trans1 EPA ID:	NJD054126164
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported

ST GEORGE SEAPORT (Continued) **1000233754**

Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	U051 - CREOSOTE
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00935
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	011
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

A9 **CON ED** **NY MANIFEST** **S118563867**
NW **224 RICHMOND TER** **N/A**
< 1/8 **STATEN ISLAND, NY 10303**
0.040 mi.
211 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
22 ft.

NY MANIFEST:

Country:	USA
EPA ID:	NYP004913750
Facility Status:	Not reported
Location Address 1:	224 RICHMOND TER
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10303
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004913750

CON ED (Continued) **S118563867**

Mailing Name:	CON ED
Mailing Contact:	CON EDISON
Mailing Address 1:	4400 VICTORY BLVD
Mailing Address 2:	Not reported
Mailing City:	STATEN ISLAND
Mailing State:	NY
Mailing Zip:	10301
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2016
Trans1 State ID:	MAD039322250
Trans2 State ID:	Not reported
Generator Ship Date:	03/23/2016
Trans1 Recv Date:	03/23/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/29/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004913750
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	008418264FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	7980
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported

CON ED (Continued) **S118563867**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

D10 **165 MARKS PLACE/STATEN IS** **NY Spills** **S102144089**
West **165 MARKS PLACE** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.044 mi.
232 ft. **Site 1 of 6 in cluster D**

Relative:
Higher

Actual:
95 ft.

SPILLS:
Facility ID: 8603334
Facility Type: ER
Spill Number: 8603334
DER Facility ID: 83852
Site ID: 93533
DEC Region: 2
Closed Date: 1986-08-20
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 4301
Spill Date: 1986-08-20
Investigator: UNASSIGNED
Referred To: Not reported
Reported to Dept: 1986-08-20
CID: Not reported
Water Affected: NONE
Spill Source: Unknown
Spill Notifier: Citizen
Cleanup Ceased: 1986-08-20
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1986-09-10
Spill Record Last Update: 1987-08-28
Spiller Name: Not reported
Spiller Company: NYCDEP
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks: "NO ACTION TAKEN"

All Materials:
Site ID: 93533
Operable Unit ID: 900620
Operable Unit: 01
Material ID: 476160
Material Code: 0630A
Material Name: nonene
Case No.: Not reported
Material FA: Other
Quantity: .00

165 MARKS PLACE/STATEN IS (Continued) **S102144089**

Units: G
Recovered: .00
Oxygenate: Not reported

C11 **NYC - STATEN ISLAND FAMILY COURT** **RCRA NonGen / NLR** **1001113440**
SE **100 RICHMOND TER** **FINDS** **NYR000024307**
< 1/8 **STATEN ISLAND, NY 10301** **ECHO**
0.046 mi. **NY MANIFEST**
243 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
26 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYC - STATEN ISLAND FAMILY COURT
Facility address: 100 RICHMOND TER
STATEN ISLAND, NY 10301-1905
EPA ID: NYR000024307
Mailing address: RICHMOND TER
STATEN ISLAND, NY 10301
Contact: Not reported
Contact address: RICHMOND TER
STATEN ISLAND, NY 10301
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CITY OF NEW YORK
Owner/operator address: 1 CENTRE ST
NEW YORK, NY 10007
Owner/operator country: US
Owner/operator telephone: 212-669-8710
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CITY OF NEW YORK
Owner/operator address: 1 CENTRE ST
NEW YORK, NY 10007
Owner/operator country: US
Owner/operator telephone: 212-669-8710
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

NYC - STATEN ISLAND FAMILY COURT (Continued) **1001113440**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NYC - STATEN ISLAND FAMILY COURT
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: NYC - STATEN ISLAND FAMILY COURT
Classification: Not a generator, verified

Date form received by agency: 05/21/1996
Site name: NYC - STATEN ISLAND FAMILY COURT
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

FINDS:

Registry ID: 110004525265

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

NYC - STATEN ISLAND FAMILY COURT (Continued) **1001113440**

ECHO:

Envid:	1001113440
Registry ID:	110004525265
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004525265

NY MANIFEST:

Country:	USA
EPA ID:	NYR000024307
Facility Status:	Not reported
Location Address 1:	100 RICHMOND TERRACE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000024307
Mailing Name:	NYC STATEN ISLAND FAMILY COURT
Mailing Contact:	JOHN BLAKE
Mailing Address 1:	100 RICHMOND TERRACE
Mailing Address 2:	Not reported
Mailing City:	STATEN ISLAND
Mailing State:	NY
Mailing Zip:	10301
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146816384

NY MANIFEST:

Document ID:	NYB7259391
Manifest Status:	K
seq:	Not reported
Year:	1996
Trans1 State ID:	PTH7946MN
Trans2 State ID:	Not reported
Generator Ship Date:	08/01/1996
Trans1 Recv Date:	08/01/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/05/1996
Part A Recv Date:	08/26/1996
Part B Recv Date:	09/18/1996
Generator EPA ID:	NYR000024307
Trans1 EPA ID:	MA5000002394
Trans2 EPA ID:	Not reported
TSDF ID 1:	AZ0000337360
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported

NYC - STATEN ISLAND FAMILY COURT (Continued) **1001113440**

Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00300
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00360
Units:	P - Pounds
Number of Containers:	012
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B12
SSW
< 1/8
0.047 mi.
246 ft.

SIXTY HAMILTON, LLC **NY UST** **U004081703**
60 HAMILTON AVENUE **N/A**
STATEN ISLAND, NY 10301

Site 7 of 9 in cluster B

Relative:
Higher

Actual:
91 ft.

UST:

Id/Status:	2-207152 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	12/17/2018
UTM X:	577822.11834
UTM Y:	4499731.95881
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	7336
Affiliation Type:	Facility Operator
Company Name:	SIXTY HAMILTON, LLC
Contact Type:	Not reported
Contact Name:	JESUS VASQUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported

SIXTY HAMILTON, LLC (Continued) **U004081703**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 658-1300
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-10-27

Site Id: 7336
Affiliation Type: Emergency Contact
Company Name: SIXTY HAMILTON, LLC
Contact Type: Not reported
Contact Name: NEAL ALTMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 658-1300
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-10-27

Site Id: 7336
Affiliation Type: Facility Owner
Company Name: SIXTY HAMILTON, LLC
Contact Type: MANAGING AGENT
Contact Name: NEAL ALTMAN
Address1: 141-50 85TH ROAD
Address2: Not reported
City: BRIARWOOD
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 658-1300
EMail: NEALA@METROPROP.NET
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-10-27

Site Id: 7336
Affiliation Type: Mail Contact
Company Name: SIXTY HAMILTON, LLC
Contact Type: MANAGING AGENT
Contact Name: NEAL ALTMAN
Address1: 141-50 85TH ROAD
Address2: Not reported
City: BRIARWOOD
State: NY
Zip Code: 11435
Country Code: 001
Phone: (718) 658-1300
EMail: NEALA@METROPROP.NET
Fax Number: Not reported

SIXTY HAMILTON, LLC (Continued) **U004081703**

Modified By:	DAFRANCI
Date Last Modified:	2017-10-27

Tank Info:

Tank Number:	001
Tank ID:	24951
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	03/01/1991
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

B13 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **U001838309**
SSW **60 HAMILTON AVE** **NY AST** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.047 mi.
246 ft. **Site 8 of 9 in cluster B**

Relative:
Higher

Actual:
91 ft.

LTANKS:

Facility ID:	8803005
Site ID:	108995
Closed Date:	2003-03-05
Spill Number:	8803005
Spill Date:	1988-07-06
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-07-06
CID:	Not reported
Water Affected:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **U001838309**

Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-07-07
Spill Record Last Update:	2003-05-12
Spiller Name:	Not reported
Spiller Company:	MELBROOK PROPERTIES
Spiller Address:	0
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	95777
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED / / : ---.03/05/2003- Closed Due To The Nature / Extent Of The Spill Report"
Remarks:	"7.5K TANK SYSTEM - INITIAL TEST - WOULDN'T STABILIZE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

All TTF:

Facility ID:	8803005
Spill Number:	8803005
Spill Tank Test:	1534235
Site ID:	108995
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	108995
Operable Unit ID:	918212
Operable Unit:	01
Material ID:	458566
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **U001838309**

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-207152
Program Type:	PBS
UTM X:	577822.11834
UTM Y:	4499731.95881
Expiration Date:	12/17/2018
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	7336
Affiliation Type:	Facility Operator
Company Name:	SIXTY HAMILTON, LLC
Contact Type:	Not reported
Contact Name:	JESUS VASQUEZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 658-1300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-10-27

Site Id:	7336
Affiliation Type:	Emergency Contact
Company Name:	SIXTY HAMILTON, LLC
Contact Type:	Not reported
Contact Name:	NEAL ALTMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 658-1300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-10-27

Site Id:	7336
Affiliation Type:	Facility Owner
Company Name:	SIXTY HAMILTON, LLC
Contact Type:	MANAGING AGENT
Contact Name:	NEAL ALTMAN
Address1:	141-50 85TH ROAD
Address2:	Not reported
City:	BRIARWOOD
State:	NY
Zip Code:	11435
Country Code:	001

CLOSED-LACKOF RECENT INFO (Continued) **U001838309**

Phone:	(718) 658-1300
EMail:	NEALA@METROPROP.NET
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-10-27

Site Id:	7336
Affiliation Type:	Mail Contact
Company Name:	SIXTY HAMILTON, LLC
Contact Type:	MANAGING AGENT
Contact Name:	NEAL ALTMAN
Address1:	141-50 85TH ROAD
Address2:	Not reported
City:	BRIARWOOD
State:	NY
Zip Code:	11435
Country Code:	001
Phone:	(718) 658-1300
EMail:	NEALA@METROPROP.NET
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-10-27

Tank Info:

Tank Number:	002
Tank Id:	55699
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	03/01/1991
Capacity Gallons:	5000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	10/30/2017

CLOSED-LACKOF RECENT INFO (Continued) **U001838309**

Material Name: #2 fuel oil (on-site consumption)

E14 **CONSOLIDATED EDISON CO OF NY** **NJ MANIFEST** **S107610166**
NW **RICHMOND TER & NICHOLAS** **N/A**
< 1/8 **STATEN ISLAND, NY 10314**
0.057 mi.
299 ft. **Site 1 of 6 in cluster E**

Relative: **Lower**
Actual: **13 ft.**

NJ MANIFEST:

EPA Id:	NYP004124442
Mail Address:	440 VICTORY BLVD
Mail City/State/Zip:	STATEN ISLAND 10314
Facility Phone:	7183902951
Emergency Phone:	Not reported
Contact:	ROBERT NEVILLE
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5078041
EPA ID:	NYP004124442
Date Shipped:	09/05/2004
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/05/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/07/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported

CONSOLIDATED EDISON CO OF NY (Continued) **S107610166**

Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	10010421
Was Load Rejected:	STATEN ISLAND 10314
Reason Load Was Rejected:	Not reported

E15 **CON EDISON** **RCRA NonGen / NLR** **1012184938**
NW **RICHMOND TER & NICHOLAS ST** **NJ MANIFEST** **NYP004157053**
< 1/8 **STATEN ISLAND, NY 10310** **NY MANIFEST**
0.057 mi.
299 ft. **Site 2 of 6 in cluster E**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/01/2016
Facility name:	CON EDISON
Facility address:	RICHMOND TER & NICHOLAS ST STATEN ISLAND, NY 10310
EPA ID:	NYP004157053
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	ANTHONY BUDA
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	718-267-3852
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/29/2008
Site name:	CON EDISON
Classification:	Conditionally Exempt Small Quantity Generator

CON EDISON (Continued) **1012184938**

Violation Status: No violations found

NJ MANIFEST:

EPA Id:	NYP004157053
Mail Address:	4 IRVING PL, RM 828
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	ANTHONY BUDA
Comments:	Not reported
SIC Code:	Not reported
County:	NY085
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000183771GBF
EPA ID:	NYP004157053
Date Shipped:	02/29/2008
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	NJD003812047
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/29/2008
Date Trans2 Transported Waste:	03/01/2008
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/01/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported

CON EDISON (Continued) **1012184938**

Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H141
Quantity: 500 G

NY MANIFEST:
Country: USA
EPA ID: NYP004157053
Facility Status: Not reported
Location Address 1: RICHMOND TERR. B/T NICHOLAS
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10310
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004157053
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/29/2008
Trans1 Recv Date: 02/29/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/01/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004157053
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported

CON EDISON (Continued) **1012184938**

Manifest Tracking Number:	000183771GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

E16 **CON EDISON - MH 133** **RCRA NonGen / NLR** **1008195778**
NW **RICHMOND TERR & NICHOLAS ST** **NY MANIFEST** **NYP004114963**
< 1/8 **STATEN ISLAND, NY 10303**
0.057 mi.
299 ft. **Site 3 of 6 in cluster E**

Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 02/27/2004

Actual:
13 ft.

Facility name:	CON EDISON - MH 133
Facility address:	RICHMOND TERR & NICHOLAS ST STATEN ISLAND, NY 10303
EPA ID:	NYP004114963
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	4 IRVING PLACE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

CON EDISON - MH 133 (Continued) **1008195778**

Owner/Operator Summary:
- Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
- Owner/operator address: 4 IRVING PLACE
  NEW YORK, NY 10003
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 09/15/2003
- Owner/Op end date: Not reported

- Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
- Owner/operator address: 4 IRVING PLACE
  NEW YORK, NY 10003
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 09/15/2003
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 02/26/2004
- Site name: CON EDISON - MH 133
- Classification: Not a generator, verified

- Date form received by agency: 02/25/2004
- Site name: CON EDISON - MH 133
- Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

CON EDISON - MH 133 (Continued) **1008195778**

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004114963
Facility Status: Not reported
Location Address 1: RICHMOND T & NICHOLAS MH133
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10301
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004114963
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:
Document ID: NJA1878636
Manifest Status: Not reported
seq: 01
Year: 2003
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 09/15/2003
Trans1 Recv Date: 09/15/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/17/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004114963
Trans1 EPA ID: NYD986908085
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported

CON EDISON - MH 133 (Continued) **1008195778**

Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00600
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

E17 **CON EDISON MANHOLE: M-46** **RCRA NonGen / NLR** **1012184936**
NW **NICHOLAS ST & RICHMOND TER** **NY MANIFEST** **NYP004157038**
< 1/8 **STATEN ISLAND, NY 10310**
0.057 mi.
302 ft. **Site 4 of 6 in cluster E**

Relative: **Lower**

Actual: **11 ft.**

RCRA NonGen / NLR:

Date form received by agency:	06/01/2016
Facility name:	CON EDISON MANHOLE: M-46
Facility address:	NICHOLAS ST & RICHMOND TER MH M-46 STATEN ISLAND, NY 10310
EPA ID:	NYP004157038
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	PATRICK HANLEY
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	718-204-4234
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

CON EDISON MANHOLE: M-46 (Continued) **1012184936**

Used oil transporter: No

Historical Generators:
Date form received by agency: 02/29/2008
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004157038
Facility Status: Not reported
Location Address 1: NICHOLAS ST & RICHMOND TERRACE
Code: BP
Location Address 2: STRUCTURE #47
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10301
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004157038
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/29/2008
Trans1 Recv Date: 02/29/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/01/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004157038
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 000183772GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N

CON EDISON MANHOLE: M-46 (Continued) **1012184936**

Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

E18 **CON EDISON MANHOLE: 46** **RCRA NonGen / NLR** **1012184935**
NW **NICHOLAS ST & RICHMOND TER** **NY MANIFEST** **NYP004157020**
< 1/8 **STATEN ISLAND, NY 10301**
0.057 mi.
302 ft. **Site 5 of 6 in cluster E**

Relative: **Lower**

Actual: **11 ft.**

RCRA NonGen / NLR:

Date form received by agency:	06/01/2016
Facility name:	CON EDISON MANHOLE: 46
Facility address:	NICHOLAS ST & RICHMOND TER MH 46 STATEN ISLAND, NY 10301
EPA ID:	NYP004157020
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	PATRICK HANLEY
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	718-204-4234
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

CON EDISON MANHOLE: 46 (Continued) **1012184935**

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/29/2008
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004157020
Facility Status: Not reported
Location Address 1: NICHOLAS ST & RICHMOND TERRACE
Code: BP
Location Address 2: STRUCTURE #46
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10301
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004157020
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/29/2008

CON EDISON MANHOLE: 46 (Continued) **1012184935**

Trans1 Recv Date:	02/29/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/01/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004157020
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000265108GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	600.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1.0
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

B19 **LOT 8,TAXBLOCK 11** **NY E DESIGNATION** **S117676589**
South **22 ACADEMY PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.058 mi.
305 ft. **Site 9 of 9 in cluster B**

Relative:
Higher

Actual:
84 ft.

E DESIGNATION:

Tax Lot(s):	8
Tax Block:	11
Borough Code:	SI
E-No:	E-217
Effective Date:	10/23/2008
Satisfaction Date:	Not reported

LOT 8,TAXBLOCK 11 (Continued) **S117676589**

Ceqr Number: 08DCP070R
Ulurp Number: 080426ZMR
Zoning Map No: 21c

Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

D20 **POLE # 23358** **NY Spills** **S106698962**
WNW **NICHOLAS ST / CARROLL PL** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.063 mi.
332 ft. **Site 2 of 6 in cluster D**

Relative:
Higher

Actual:
65 ft.

SPILLS:
Facility ID: 0406165
Facility Type: ER
Spill Number: 0406165
DER Facility ID: 96248
Site ID: 109708
DEC Region: 2
Closed Date: 2004-11-12
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 4301
Spill Date: 2004-09-04
Investigator: SKARAKHA
Referred To: Not reported
Reported to Dept: 2004-09-04
CID: 41
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-09-04
Spill Record Last Update: 2004-11-12
Spiller Name: Not reported
Spiller Company: CON ED
Spiller Address: 4 IRVING PLACE
Spiller Company: 001
Contact Name: ERT DESK
DEC Memo: "e2mis no 155220 Carl reports that at the corner of Nicholas St. and Carroll Place Pole # 23358 a B phase pothead is leaking insulating compound. Approximately 2 ozs. of unknown fluid has leaked onto the wire underneath the pothead. The leak is contained. The spill is being treated as 50 -499 PCB . Cleanup is in progress and a sample is being taken. 09/04/04 .... 1730 hrs. Employee K. Carl notified the Control Center that he and employee R. Wallner had completed cleanup operations. No leaking insulating compound reached the ground. At riser pole 23358, Nicholas St. & Carroll Pl., leaking insulating compound that was leaking from B-phase pothead was removed. Spill was

POLE # 23358 (Continued) **S106698962**

treated as 50 to 499ppm pcb. One foot of the riser pipe was cut and removed and the grounding strap at the top of the riser was also removed.. One foot of B-phase riser cable was double washed and double rinsed and a new grounding strap was installed. The leaking deenergized B-phase pothead was bagged to prevent any further insulating compound from leaking down into the riser pipe. One bag of debris was generated and brought to Victory Blvd. Service Center for disposal of as hazardous waste with applicable waste tracking papers. CDOH Dept. to replace defective pothead. The old pothead was removed and a new pothead was installed on 9/6/04 by Construction OH."

Remarks: "two ounces of unknown oil leaked onto wires from b-phase pothead ref 155220"

All Materials:

Site ID:	109708
Operable Unit ID:	888777
Operable Unit:	01
Material ID:	487151
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Site ID:	109708
Operable Unit ID:	888777
Operable Unit:	01
Material ID:	487150
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

D21 **APARTMENT BLDG.** **NY LTANKS S102560292**
WSW **165 ST. MARKS PLACE** **NY Spills N/A**
< 1/8 **STATEN ISLAND, NY**
0.069 mi.
366 ft. **Site 3 of 6 in cluster D**

Relative: **Higher**
Actual: **111 ft.**

LTANKS:

Facility ID:	0803628
Site ID:	400394
Closed Date:	2008-07-02
Spill Number:	0803628
Spill Date:	2008-06-26
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301

APARTMENT BLDG. (Continued) **S102560292**

Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2008-06-26
CID:	406
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-06-26
Spill Record Last Update:	2008-07-02
Spiller Name:	PHIL LAZIN
Spiller Company:	APARTMENT BLDG.
Spiller Address:	165 ST. MARKS PLACE
Spiller County:	001
Spiller Contact:	PHIL LAZIN
Spiller Phone:	(516) 375-5890
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	349678
DEC Memo:	"Cardinal Tank completed the repairs. He said the dry leak came from a stick line and an old levelometer gauge. These parts were removed and no contaminated soil was found."
Remarks:	"Tank is empty... dry portion leak. Recommend uncover, retest and recheck."

All TTF:

Facility ID:	0803628
Spill Number:	0803628
Spill Tank Test:	2486384
Site ID:	400394
Tank Number:	1
Tank Size:	25000
Material:	0002
EPA UST:	Not reported
UST:	True
Cause:	04
Source:	99
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	400394
Operable Unit ID:	1157222
Operable Unit:	01
Material ID:	2148239
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

APARTMENT BLDG. (Continued) **S102560292**

Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Facility ID:	9613326
Facility Type:	ER
Spill Number:	9613326
DER Facility ID:	99159
Site ID:	113633
DEC Region:	2
Closed Date:	1997-02-25
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	1997-02-11
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1997-02-11
CID:	297
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-02-11
Spill Record Last Update:	2004-07-02
Spiller Name:	HOWARD GOLDMAN
Spiller Company:	AMERADA HESS
Spiller Address:	1 HESS PLAZA
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE CLEANED BY OIL CO."
Remarks:	"THE OIL CAME OUT OF THE DOME COVER WHEN THE TRUCK WAS PARKED ON A HILL IFO ABOVE RESIDENCE"

All Materials:

Site ID:	113633
Operable Unit ID:	1044768
Operable Unit:	01
Material ID:	338434
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D22 **CASTLETON PRESERVATION, LLC** **NY UST** **U003127452**
WSW **165 3SAINT MARKS PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.069 mi.
366 ft. **Site 4 of 6 in cluster D**

Relative:
Higher

Actual:
111 ft.

UST:

Id/Status:	2-056170 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	06/29/2020
UTM X:	577696.43941
UTM Y:	4499831.80006
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	901
Affiliation Type:	Mail Contact
Company Name:	STELLAR MANAGEMENT
Contact Type:	Not reported
Contact Name:	KATINA VAZQUEZ
Address1:	156 WILLIAM ST
Address2:	10TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
EMail:	KVAZQUEZ@STELLARMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2017-11-16

Site Id:	901
Affiliation Type:	Facility Operator
Company Name:	CASTLETON PRESERVATION, LLC
Contact Type:	Not reported
Contact Name:	NA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 731-2250
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2017-11-16

Site Id:	901
Affiliation Type:	Emergency Contact
Company Name:	CASTLETON PRESERVATION, LLC
Contact Type:	Not reported
Contact Name:	DAVE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

CASTLETON PRESERVATION, LLC (Continued) **U003127452**

Zip Code:	Not reported
Country Code:	999
Phone:	(917) 731-2250
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-09-05

Site Id:	901
Affiliation Type:	Facility Owner
Company Name:	CASTLETON PRESERVATION, LLC
Contact Type:	COMPLINACE COORDINATOR
Contact Name:	KATINA V. VAZQUEZ
Address1:	156 WILLIAM ST 10TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2017-11-16

Tank Info:

Tank Number:	001
Tank ID:	1866
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	25000
Install Date:	06/01/1973
Date Tank Closed:	05/11/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LXZIELIN
Last Modified:	11/16/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

CASTLETON PRESERVATION, LLC (Continued) **U003127452**

L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Number:	002
Tank ID:	1867
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	25000
Install Date:	06/01/1973
Date Tank Closed:	05/11/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LXZIELIN
Last Modified:	11/16/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

E23 **PENN YARD** **NY Spills** **S104880685**
NW **RICHMOND TERRACE** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.070 mi.
371 ft. **Site 6 of 6 in cluster E**

Relative: **Lower**
Actual: **8 ft.**

SPILLS:

Facility ID:	0009741
Facility Type:	ER
Spill Number:	0009741
DER Facility ID:	295306
Site ID:	77455
DEC Region:	2
Closed Date:	2003-05-27
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	4301
Spill Date:	2000-11-27
Investigator:	TJDEMEO

PENN YARD (Continued) **S104880685**

Referred To:	Not reported
Reported to Dept:	2000-11-27
CID:	270
Water Affected:	ARTHUR KILL
Spill Source:	Vessel
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-11-27
Spill Record Last Update:	2003-05-27
Spiller Name:	CALLER
Spiller Company:	PENN YARD
Spiller Address:	RICHMOND TERR
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 5/27/03 TJD No spill. Response Drill."
Remarks:	"BOLT ON DOCK PUT HOLE IN VESSEL. DRILL DRILL DRILL"

All Materials:

Site ID:	77455
Operable Unit ID:	830765
Operable Unit:	01
Material ID:	543680
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

24
SSW
< 1/8
0.072 mi.
382 ft.

NYNEX **NY MANIFEST** **1009231920**
HAMILTON AVE & ST MARKS PL **N/A**
STATEN ISLAND, NY 11201

Relative:
Higher

Actual:
111 ft.

NY MANIFEST:

Country:	USA
EPA ID:	NYP000795302
Facility Status:	Not reported
Location Address 1:	HAMILTON AVE & ST MARKS PL
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	11201
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000795302

NYNEX (Continued) **1009231920**

Mailing Name:	NYNEX
Mailing Contact:	SUSHMITA BISWAS
Mailing Address 1:	221 EAST 37TH ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2123387126

NY MANIFEST:

Document ID:	MIA4133974
Manifest Status:	K
seq:	Not reported
Year:	1995
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	12/28/1995
Trans1 Recv Date:	12/28/1995
Trans2 Recv Date:	/ /
TSD Site Recv Date:	01/30/1996
Part A Recv Date:	/ /
Part B Recv Date:	02/20/1996
Generator EPA ID:	NYP000795302
Trans1 EPA ID:	NYD010951986
Trans2 EPA ID:	NYD046765574
TSDF ID 1:	MID096963194
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01000
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100

NYNEX (Continued) **1009231920**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

F25 **120TH PRECINCT** **NY AST** **A100291350**
SE **78 RICHMOND TERRACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.073 mi.
385 ft. **Site 1 of 13 in cluster F**

Relative:
Lower

Actual:
24 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-217212
Program Type:	PBS
UTM X:	578044.79462
UTM Y:	4499702.98490
Expiration Date:	10/15/2022
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	8208
Affiliation Type:	Facility Operator
Company Name:	120TH PRECINCT
Contact Type:	Not reported
Contact Name:	MICHAEL MENSCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 876-8500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AYLAGATI
Date Last Modified:	2016-11-07

Site Id:	8208
Affiliation Type:	Emergency Contact
Company Name:	NYC POLICE DEPARTMENT
Contact Type:	Not reported
Contact Name:	FUEL CONTROL UNIT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 476-7524
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-12-20

Site Id:	8208
Affiliation Type:	Mail Contact
Company Name:	BUILDING MAINTENANCE SECTION

120TH PRECINCT (Continued) **A100291350**

Contact Type:	Not reported
Contact Name:	COMMANDING OFFICER
Address1:	NYC POLICE DEPARTMENT
Address2:	59-06 BROOKLYN-QUEENS EXPWY
City:	WOODSIDE
State:	NY
Zip Code:	11377
Country Code:	001
Phone:	(718) 476-7576
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-23

Site Id:	8208
Affiliation Type:	Facility Owner
Company Name:	NYC POLICE DEPARTMENT
Contact Type:	SUPERVISOR
Contact Name:	NICHOLAS GISONDA
Address1:	1 POLICE PLAZA - ROOM 800
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 610-7650
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-23

Tank Info:

Tank Number:	004
Tank Id:	22482
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported

120TH PRECINCT (Continued) **A100291350**

Install Date:	04/01/1950
Capacity Gallons:	5000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	10/23/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	008
Tank Id:	242410
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C01 - Pipe Location - Aboveground

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/15/2011
Capacity Gallons:	25
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	10/23/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	05
Tank Id:	66049
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

120TH PRECINCT (Continued) **A100291350**

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/06/2003
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 06
Tank Id: 66050
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/06/2003
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

F26 **120TH PRECINCT** **NY UST** **U004061702**
SE **78 RICHMOND TERRACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.073 mi.
385 ft. **Site 2 of 13 in cluster F**

Relative:
Lower

Actual:
24 ft.

UST:

Id/Status:	2-217212 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/15/2022
UTM X:	578044.79462
UTM Y:	4499702.98490
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	8208
Affiliation Type:	Facility Operator
Company Name:	120TH PRECINCT
Contact Type:	Not reported
Contact Name:	MICHAEL MENSCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 876-8500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AYLAGATI
Date Last Modified:	2016-11-07

Site Id:	8208
Affiliation Type:	Emergency Contact
Company Name:	NYC POLICE DEPARTMENT
Contact Type:	Not reported
Contact Name:	FUEL CONTROL UNIT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 476-7524
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-12-20

Site Id:	8208
Affiliation Type:	Mail Contact
Company Name:	BUILDING MAINTENANCE SECTION
Contact Type:	Not reported
Contact Name:	COMMANDING OFFICER
Address1:	NYC POLICE DEPARTMENT
Address2:	59-06 BROOKLYN-QUEENS EXPWY
City:	WOODSIDE
State:	NY

120TH PRECINCT (Continued) **U004061702**

Zip Code:	11377
Country Code:	001
Phone:	(718) 476-7576
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-23

Site Id:	8208
Affiliation Type:	Facility Owner
Company Name:	NYC POLICE DEPARTMENT
Contact Type:	SUPERVISOR
Contact Name:	NICHOLAS GISONDA
Address1:	1 POLICE PLAZA - ROOM 800
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 610-7650
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-23

Tank Info:

Tank Number:	001
Tank ID:	22479
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	05/01/1953
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	14
Date Test:	04/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

120TH PRECINCT (Continued) **U004061702**

Tank Number: 002
Tank ID: 22480
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 05/01/1953
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 22481
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 06/01/1984
Date Tank Closed: 07/30/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 14
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
B04 - Tank External Protection - Fiberglass

120TH PRECINCT (Continued) **U004061702**

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None

Tank Number: 005
Tank ID: 65832
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 550
Install Date: 05/01/2003
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MFLEONAR
Last Modified: 10/23/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 006
Tank ID: 65833
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 05/01/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

120TH PRECINCT (Continued) **U004061702**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 007
Tank ID: 231105
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/29/2009
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MFLEONAR
Last Modified: 10/23/2017

Equipment Records:

J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)
F04 - Pipe External Protection - Fiberglass
C03 - Pipe Location - Aboveground/Underground Combination
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

F27 **CON EDISON** **NY MANIFEST** **S118259340**
SE **78 RICHMOND TER** **N/A**
< 1/8 **STATEN ISLAND, NY 10314**
0.073 mi.
385 ft. **Site 3 of 13 in cluster F**

Relative:
Lower

Actual:
24 ft.

NY MANIFEST:

Country:	USA
EPA ID:	NYP004830382
Facility Status:	Not reported
Location Address 1:	78 RICHMOND TERRACE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10314
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004830382
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	MAD039322250
Trans2 State ID:	Not reported
Generator Ship Date:	08/26/2015
Trans1 Recv Date:	08/26/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/28/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004830382
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	003400060FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported

CON EDISON (Continued) **S118259340**

Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	10460
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

F28 **CON EDISON** **RCRA NonGen / NLR** **1019325484**
SE **78 RICHMOND TERRACE** **NYP004830382**
< 1/8 **STATEN ISLAND, NY 10314**
0.073 mi.
385 ft. **Site 4 of 13 in cluster F**

Relative: **Lower**
Actual: **24 ft.**

RCRA NonGen / NLR:

Date form received by agency:	02/05/2016
Facility name:	CON EDISON
Site name:	CON EDISON - MANHOLE 42
Facility address:	78 RICHMOND TERRACE STATEN ISLAND, NY 10314
EPA ID:	NYP004830382
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	THERESA BURKARD
Contact address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2262
Contact email:	BURKARDT@CONED.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address:	IRVING PLACE NEW YORK, NY 10003
Owner/operator country:	US
Owner/operator telephone:	Not reported

CON EDISON (Continued) **1019325484**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/26/2015
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/26/2015
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 08/26/2015
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 08/26/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D008
Waste name: LEAD

CON EDISON (Continued) **1019325484**

Amount (Lbs): 10460

Violation Status: No violations found

F29 **CON EDISON** **NJ MANIFEST** **S120675962**
SE **78 RICHMOND TERRACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10314**
0.073 mi.
385 ft. **Site 5 of 13 in cluster F**

Relative:
Lower

Actual:
24 ft.

NJ MANIFEST:

EPA Id:	NYP004830382
Mail Address:	IRVING PLACE, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported
SIC Code:	Not reported
County:	NY085
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	003400060FLE
EPA ID:	NYP004830382
Date Shipped:	8/26/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	MAD039322250
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

CON EDISON (Continued) **S120675962**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

F30 **120 PRECINT** **NY LTANKS S103275005**
SE **78 RICHMOND TERRACE** **NY Spills N/A**
< 1/8 **STATEN ISLAND, NY**
0.073 mi.
385 ft. **Site 6 of 13 in cluster F**

Relative: **Lower**
Actual: **24 ft.**

LTANKS:

Facility ID:	9211419
Site ID:	308927
Closed Date:	1993-01-06
Spill Number:	9211419
Spill Date:	1993-01-05
Spill Cause:	Tank Overfill
Spill Source:	Tank Truck
Spill Class:	C2
Cleanup Ceased:	1993-01-06
SWIS:	4301
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1993-01-05
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-01-07
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	I.T.C. EMPLOYEE
Spiller Address:	5700 47TH ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	249489
DEC Memo:	""
Remarks:	"CONTAIMED ON PAVEMENT OF DRIVEWAY-N.Y.C SANITATION SCANDAL -"

All Materials:

Site ID:	308927

120 PRECINT (Continued) **S103275005**

Operable Unit ID:	978375
Operable Unit:	01
Material ID:	404823
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Facility ID:	0303359
Facility Type:	ER
Spill Number:	0303359
DER Facility ID:	249489
Site ID:	308925
DEC Region:	2
Closed Date:	2003-07-07
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4301
Spill Date:	2003-06-30
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2003-06-30
CID:	204
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-30
Spill Record Last Update:	2003-07-07
Spiller Name:	TDX CONSTRUCTION
Spiller Company:	120 PRECINT
Spiller Address:	78 RICHMOND TERRACE
Spiller Company:	001
Contact Name:	MICHELE VISONE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Tank abandoned in place. Soil borings around the tank had 2 minor hits. Test data will be sent to DEC. 07/07/2003 Report from consultant showed two minor SVOC hits at depth. Spill Closed."
Remarks:	"LAB RESULTS CAME BACK TODAY - REQUEST CALLBACK "

All Materials:

Site ID:	308925
Operable Unit ID:	871403
Operable Unit:	01
Material ID:	504232
Material Code:	0001A

120 PRECINT (Continued) **S103275005**

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9101423
Facility Type: ER
Spill Number: 9101423
DER Facility ID: 249489
Site ID: 308926
DEC Region: 2
Closed Date: 1991-05-09
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 4301
Spill Date: 1991-05-04
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1991-05-04
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: 1991-05-09
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1991-06-13
Spill Record Last Update: 1991-07-02
Spiller Name: Not reported
Spiller Company: ISLAND TRANSPORTATION
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: ""
Remarks: "DRIVER OVER-DROPPED TANK; FD ON SCENE"

All Materials:
Site ID: 308926
Operable Unit ID: 952607
Operable Unit: 01
Material ID: 427534
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: .00
Oxygenate: Not reported

120 PRECINT (Continued) **S103275005**

Facility ID:	9409082
Facility Type:	ER
Spill Number:	9409082
DER Facility ID:	249489
Site ID:	308928
DEC Region:	2
Closed Date:	2003-11-03
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	4301
Spill Date:	1994-10-07
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1994-10-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-11-02
Spill Record Last Update:	2003-11-03
Spiller Name:	Not reported
Spiller Company:	NYCPD
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 10/10/95: This is additional information about material spilled from the translation of the old spill file: DIESEL?. Remediation of this site has been completed. See DDC file. NFA January 9, 2003."
Remarks:	"DISCOVERED IN EXCAVATION OF U/G TANK-HOLE FOUND IN REMOTE FILL LINE. STOCK PILING SOIL."

All Materials:

Site ID:	308928
Operable Unit ID:	1003091
Operable Unit:	01
Material ID:	378512
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9803022
Facility Type:	ER
Spill Number:	9803022
DER Facility ID:	249489

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Site ID:	308929
DEC Region:	2
Closed Date:	2003-03-03
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	4301
Spill Date:	1998-06-05
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1998-06-08
CID:	369
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-06-08
Spill Record Last Update:	2004-12-22
Spiller Name:	SGT ZAPATA
Spiller Company:	NYPD 120TH PRECINCT
Spiller Address:	78 RICHMOND TERRACE
Spiller Company:	001
Contact Name:	SGT ZAPATA
DEC Memo:	""
Remarks:	"problem in fill line causing buildup of product in basement of precinct."

All Materials:

Site ID:	308929
Operable Unit ID:	1060855
Operable Unit:	01
Material ID:	321346
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	0904952
Facility Type:	ER
Spill Number:	0904952
DER Facility ID:	249489
Site ID:	417177
DEC Region:	2
Closed Date:	Not reported
Spill Cause:	Other
Spill Class:	C4
SWIS:	4301
Spill Date:	2009-07-29
Investigator:	ADZHITOM

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Referred To:	030218 REVWD SEMI-ANNUAL MONIT RPT
Reported to Dept:	2009-07-29
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2009-07-29
Spill Record Last Update:	2018-05-03
Spiller Name:	LT POLANKO
Spiller Company:	NYPD 120TH PCT
Spiller Address:	78 RICHMOND TERRACE
Spiller Company:	999
Contact Name:	MARTIN WESOLOWSKI
DEC Memo:	"8/5/2009 Sangesland spoke to Martin at Liro Engineering. He said the tank was pulled and the bad soil was removed yesterday & today. They'll take end point samples today and send in for lab testing. A complete report will be sent to DEC within 2-3 weeks. 9/22/09 - Raphael Ketani. The site is the 120th Precinct at 78 Richmond Terrace, Staten Island. The spill was called in on 7/29/09 and consisted of pulling a 4,000 gal. gas tank. Contaminated soil was found and the soil was supposedly removed. The PBS registration is #2-217212. Eight tanks are listed. Five tanks were closed between 5/1/03 and 6/6/03. These were two 275 gal. tanks and three 550 gal. tanks. The 4,000 gal. tank is #003 and is still listed as active. Otherwise, there are two active tanks left, a 5,000 gal. (#004) and a 550 gal. (#005), both with #2 oil. I hadn't heard anything from the consultant, Martin Wesolowski of LIRO Engineers (718) 321-3136, ext 242/(347) 672-5434. So I tried to contact him, but could only leave a message that the DEC had not received the remediation report, and that the 4,000 gal. tank is still listed as active and that this is a violation. 9/23/09 - Raphael Ketani. Mr. Wesolowski called me today. He said that he is presently working on the closure report and it will go out sometime this week. He also stated that the revised PBS registration was given to the police department and that they will sign it. 9/28/09 - Raphael Ketani. Today I received the Underground Storage Tank Closure Report dated September 25, 2009 from LiRo Engineers Inc. I began my review. There was free product in the concrete vault despite the 4,000 gal. tank appearing to be in good condition. The tank was cleaned out and was disposed of, along with the associated piping, as scrap metal. Contaminated soil was removed. End points were taken along the trace of the length of the tank and from the sidewalls. Some contaminants were found to exceed TAGM at BS-1 and Bottom #1. The excavation went to 14.5 feet below grade, which was the maximum safe depth for the type of shoring that was being used. Groundwater is at 20 feet below grade. The LiRo consultants recommend doing more soil excavation and taking a groundwater sample. I concur with the recommendation. 10/1/09 - Raphael Ketani. I drafted a review letter for the approval of Randall Austin, Chief of the Spills Unit. The letter recommended further soil investigation and the taking of a groundwater sample. Mr. Austin approved the letter and it was sent out today. 11/5/09 - Raphael

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Ketani. I tried to contact Mr. Wesolowski of LIRO Engineers (718) 321-3136, ext 242/(347) 672-5434, but could only leave a voice mail. 11/6/09 - Raphael Ketani. Mr. Wesolowski returned my call and said that he had sent all of the paper work to the NYC DDC and that he is waiting for word that he can proceed with the soil investigation. 11/13/09 - Raphael Ketani. Mr. Wesolowski sent me a FAXed letter dated 11/13/09 stating that LiRo is providing an update regarding the case. The letter stated that the NYCDDC is in the process of awarding LiRo a new remediation contract. The site will be included in the contract. After the contract is awarded, LiRo will conduct the investigation. 12/23/09 - Raphael Ketani. I tried to contact Mr. Wesolowski (718) 321-3136, ext 242/(347) 672-5434, but could only leave a message requesting an update regarding the case. 12/28/09 - Raphael Ketani. Mr. Wesolowski called me back. He said that LiRo is still waiting for the contract to be awarded. 1/25/10 - Raphael Ketani. I called Mr. Wesolowski. He said that the contract was registered today. So LiRo has a contract with the DDC. A meeting regarding the site will take place next week. Then the work will start again. 2/10/10 - Raphael Ketani. I spoke to Mr. Wesolowski (718) 321-3136, ext 242/(347) 672-5434. He said that they are now getting all of their contractors and the laboratory coordinated for the project. Mr. Wesolowski expects to start the work sometime in March 2010. 4/1/10 - Raphael Ketani. I tried to contact Mr. Wesolowski, but could only leave a message. 4/2/10 - Raphael Ketani. I tried to contact Mr. Wesolowski, but could only leave a message. 4/5/10 - Raphael Ketani. I spoke to Mr. Wesolowsi. He said that LIRO is developing the work plan and that it will besent to DEC next week. The contractors are going to submit their bids to the City and go through the VENDEX approval process. This takes some time. So he estimates that work will not start until about 6 weeks from now. 5/10/10 - Raphael Ketani. Mr. Wesolowski called to state that the DEC should receive the work plan soon. 5/11/10 - Raphael Ketani. I received the May 2010 Site Specific Investigation Plan and began my review. I finished my review of the SSIP. The only comments I had were that all samples should be tested via methods 8260B and 8270C and compared to TAGM 4046 standards. Also, the 8/6/09 soil sample results indicate that the contamination almost entirely meets the TAGM soil standards. I sent an e-mail to Mr. Wesolowski with my comments. 6/11/10 - Raphael Ketani. Mr. Wesolowski sent me an e-mail stating that the drilling will resume on June 17. 7/15/10 - Raphael Ketani. I spoke to Mr. Wesolowski (718) 321-3136, ext 242/(347) 672-5434. He said that the drilling has been completed. An investigation report was generated. Mr. Wesolowski will get me a copy of the report. I asked him whether anyone had ever noticed any soil contamination from the tanks that had been closed in place. He said that contamination has never been seen from these tanks. Mr. Wesolowski called me back. He said that the drilling definitely was completed and the wells were developed. Samples will be collected soon. A report will be submitted to DEC at the end of August or in September. He said that he is involved in tank work only. So this part of the project is being handled by Steve Frank (ext 236) of LiRo Engineers, Inc. Mr. Wesolowski transfered me to Mr. Frank. I spoke to Mr. Frank. He said that they are following a protocol for the safe developement and proper sampling of the groundwater wells. He said that he will handle the project from this point onward. 12/6/10 - Raphael Ketani. I tried to contact Mr. Frank (718) 321-3136, ext 236 of LiRo Engineers, but could only leave a message. Mr. Frank called

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me back. He said that the report was completed. It is currently being reviewed. If the report is found to be acceptable, then the DEC will have it by the end of this week. 12/10/10 - Raphael Ketani. Mr. Frank sent me the 12/7/10 Investigation Summary and Supplemental Investigation Remediation Plan. 12/14/10 - Raphael Ketani. I finished my review of the ISSIRP. Only the samples from LMW-1 (11.5' to 12.5') and from LMW-2 (13.5' to 14.5') showed high analyte concentrations. The analytes concentrations were roughly three and two times the TAGM limits, respectively. The analytes of concern were 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes. In the report (plan), LiRo recommended performing six more soil borings (LSB-04 to LSB-09) near LMW-1 and LMW-2 in order to delineate the extent of the contamination. They also suggest two additional rounds of groundwater monitoring. I agreed with the proposal and sent Mr. Frank an e-mail to this effect. I also stated in the e-mail that the DEC was requesting that a boring be performed to the southwest (below on the diagram) of LMW-1. I added that the proposed borings seem a little far from the contamination hot-spots (LMW-1 and LMW-2) - 10 feet or more. I suggested placing the borings about 5 or 6 feet from the hot-spots. Lastly, I asked whether the contamination can be dug out at these hot-spots. If not (for whatever reason), then soil treatment and groundwater monitoring will need to take place. 12/15/10 - Raphael Ketani. Today, I received the hard copy version of the 12/7/10 Investigation Summary and Supplemental Investigation Remediation Plan. The date on the hard copy is 12/13/10 and it included Table 5, the groundwater results. 3/14/11 - Raphael Ketani. I tried to contact Mr. Frank (718) 321-3136, ext 236 of LiRo Engineers, but could only leave a message. Mr. Frank called me back and left a message. He said that the additional drilling will take place on March 23. A report will be submitted to the DEC about 20 days after getting the analytical results back from this part of the investigation and remediation work. 3/23/11 - Raphael Ketani. Mr. Frank sent me an e-mail stating that the work will start place on March 28. 6/7/11 - Raphael Ketani. I spoke to Mr. Frank (718) 321-3136, ext 236 regarding the submission of the report for the additional work and sampling. He said that the DEC will receive the report in about 3 weeks. He said that he saw that a draft report was in progress. 7/8/11 - Raphael Ketani. Mr. Frank sent me the following e-mail along with Drawing 3 dated 6/21/11: I attached a summary of the soil sample results from the additional borings that we did, and as you can see, the VOC levels were quite high. Based on these results, the soil contamination is too deep and too wide-spread to remove by excavation. Our report has been delayed because we are incorporating additional delineation borings and an SVE pilot test plan into the report. It will be ready to send to you next week. Drawing 3 showed very high TVOC concentrations at borings LSB 5 to 8 and 10 which were taken from 3/29/11 to 3/31/11. The TVOC concentrations were in the hundreds of thousands of parts per billion within the interval from 8 to 16 feet down. The highest concentration was 716,800 ppb. TSVOC concentrations were not significant. I wrote back that LiRo should possibly try in situ soil treatment solution injections. 7/19/11 - Raphael Ketani. Mr. Frank sent me the LiRo Engineering 7/12/11 Supplemental Investigation Letter Report. As in the 7/8/11 e-mail from Mr. Frank, LSB 5 to 8 and 10 had TVOC results in the hundreds of thousands of parts per billion at the 8 to 16 feet level. TSVOC results were not significant. Groundwater was at about 24 feet below grade (according to the boring logs) and there was no

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contamination. In the report, LiRo proposes doing more well installations and contingency boring installations to better define the contamination. A VOC vapor extraction pilot test is also proposed. A round of groundwater sampling will take place. 7/20/11 - Raphael Ketani. I spoke to Mr. Frank (718) 321-3136, ext 236 and told him that the DEC was accepting the SILR. However, we had a lot of questions about the proposed SVE pilot test. I asked him where the screened interval would be. He said that the screens would be above the water table and would span the dry sand. I also asked whether the hydraulic conductivity of the sand was low, or medium, or high. I told him I was asking this because the recovery in the split spoons for some of the sampling intervals was high. Mr. Frank said that he didn't remember the recovery being so high in some places. I also commented that LSB-17 and LSB-19 were by themselves and that this well may not be enough to efficiently collect the vapors. He said that the radius of influence was supposed to be 25 feet. I suggested that maybe air sparging would be a better idea. Mr. Frank said that he will go back to the design engineer and see whether changes need to be made. I asked Mr. Frank to send DEC an addendum to the SILR concerning just the SVE pilot test proposal. He said that he will. 7/26/11 - Raphael Ketani. Mr. Frank sent me the 7/25/11 Modification to Soil Vapor Extraction Pilot Test by e-mail. I reviewed the work plan. Borings LSB-12, 13, 16 to 19 will be converted to wells and used for the testing. Individual pilot tests will be conducted at LSB-12, 14, and 17. A vacuum truck will be used to apply vacuum to each well in turn. The vacuum will be increased at timed intervals until the amount of vapor flow diminishes. I found the plan to be acceptable and I responded by e-mail that they should commence with the work. 9/15/11 - Raphael Ketani. I tried to contact Mr. Frank (718) 321-3136, ext 236 (Steve) regarding progress at the site, but I could only leave a voice message. 9/23/11 - Raphael Ketani. Mr. Frank left me a voice message. He said that LIRO was presently receiving the soil analyticals. The amount of contamination turned out to be much more than was previously estimated. 10/19/11 - Raphael Ketani. I tried to contact Mr. Frank (718) 321-3136, ext 236 (Steve) regarding whether additional work was taking place at the site. However, I could only leave a voice message. 10/25/11 - Raphael Ketani. I tried to contact Mr. Frank, but I could only leave a voice message. 10/28/11 - Raphael Ketani. Mr. Frank sent me an e-mail with the September 2011 soil sampling data and a map showing the locations of the borings and the results to date. In his e-mail he stated the following: I have attached the soil results from the borings we completed in September at 120th Precinct. We put in the wells that we need to conduct the SVE pilot test and we are getting a subcontractor on board to facilitate that work. We anticipate that the testing will be completed this fall/winter and we will submit the soil test results and a Remedial Action Plan after the testing is completed. I will let you know when we have a firm schedule for the pilot test work. The soil samples were taken during 9/6/11 and 9/7/11. A very contaminated horizon was discovered between 11 feet to 13 feet below grade, with the exception of the sample at location LSB-22 at 13 to 15 feet down. The other sampling locations were LSB-11, 13 to 17 and 20. There were virtually no SVOC hits. The exceedences were in the tens to hundreds of thousands of parts per billion for individual VOC analytes. 4/16/13 - Raphael Ketani. Mr. Frank (718) 321-3136, ext 236 (Steve) hadn't contacted me or sent me a report in over a year. I left a voice message requesting that he call me regarding progress at

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the site and the submission of the late reports. 4/17/13 - Raphael Ketani. Mr. Frank called me back. He said that a successful pilot SVE test was conducted during March 2013. They have a conceptual design and they will submit a work plan to the DEC during May 2013. However, not much work took place for this project over the ensuing months since we had last communicated as LiRo pursued other larger projects. 5/15/13 - Raphael Ketani. I spoke to Mr. Frank (718) 321-3136, ext 236 (Steve) regarding progress at the site. He said that the full scale SVE work plan was almost ready. His staff were working on the CAD drawings. Once they have the drawings, then he will send me the work plan. I told him that would be fine. 5/28/13 - Raphael Ketani. I reviewed the 5/16/13 Design Analysis Report from LiRo Engineers. Soil contamination is above standards at the 8 to 16 foot level bgs. The north/northeast extent of the soil contamination was determined via borings LSB-12 and LSB-23. The south/southeast extent of the soil contamination was determined via boring LSB-18. An eastern limit couldn't be determined due to the presence of a high pressure gas main and Wall Street. The western limit couldn't be determined due to the presence of the precinct building. NAPL is not present on the groundwater. There were no analytes detected in the groundwater. The volume of the contamination was estimated as 60 feet by 40 feet by 8 feet thick or 740 cubic yards. The SVE pilot test took place on 3/8/12. Wells SVE/LSB-11, 14, 17, 19 and 22 were measured for vacuum, flow rate and VOCs. The test lasted 2 hours and 5 minutes. No PIDs were measured as the vacuum interfered with the sampling. PIDS were detected when the vacuum stopped. Vacuum was induced at a rate of 30 cu.ft./min. and 75 cu.ft./min. - 0.01 to 6.63 inches of water, respectively. The test was run for 20 to 30 minutes for each flow rate. Vacuum readings were made during the test from LSB-11, 14, 19 and 22 at 10 to 20 minute intervals in order to determine the radius of influence (ROI). LSB-11 tested at 30 and 75 CFM for 20 minutes each, but no static pressure was detected. The vacuum readings suggested a ROI of about 20 feet. LSB-14 was tested at 10 to 20 minute intervals, but no static pressure was detected. The ROI was determined to be about 25 feet. The recovered vapors will be treated using activated carbon. A 7.5 HP blower will be used with a capacity of 396 CFM at 2.4 inches of mercury. Benzene emissions will be monitored via the Stipulation. Field screening will take place using a PID instrument. Periodic tedlar bag samples will be collected in accordance with EPA procedures. Analyses will be for benzene and TPH. There will also be quarterly groundwater sampling within the plume and annual sampling site wide. The sampling, operation and performance of the system will be monitored. System monitoring data will be presented in quarterly status reports. The reports will have the air and groundwater monitoring results, groundwater sampling results, field measurements and an evaluation of the system regarding whether it is operating within the air emissions requirements. From Table 1, there were significant soil VOC hits and exceedences in the 9/7/11 and 9/9/11 samples from the 11 to 13 foot interval at LSB-11, 13 to 17 and 20. The LSB-22 sample from the 15 to 17 foot interval had exceedences. According to Table 2 results, LSB-19 did not develop much vacuum. Figure 3 shows that the sample from LSB-17 had very high contaminant concentrations. My comments regarding the information were that groundwater sampling must take place at least bi-annually site wide. Also, it appeared that LSB-19 would not be a useful well for the SVE method of remediation as it did not develop significant vacuum. It was also not demonstrated that the ROI would reach beyond

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LSB-17, though vent well LSB-23 is depicted as further south. 6/3/13 - Raphael Ketani. An e-mail was sent to Mr. Frank approving the report and with the above comments. I also added that, in the event the first three rounds of confirmatory soil sampling show that the SVE method of remediation is not successful in significantly reducing the soil contamination, then a work plan must be submitted within 30 days of the date of submission of the soil analytical results for the third round of confirmatory samples. In the e-mail, I also asked for a task schedule for the planned work. 8/26/13 - Raphael Ketani. I tried to contact Mr. Frank (718) 321-3136, ext 236, but could only reach his voice mail. I sent him an e-mail requesting a progress update. 9/10/13 - Raphael Ketani. I reviewed the Soil Vapor Extraction Remediation Work Plan dated 8/27/13. The scope of work included: installing the full SVE system for the unsaturated petroleum impacted soil; weekly operation and maintenance monitoring; monthly operation and monitoring reporting; quarterly compliance air sampling; semi-annual groundwater monitoring; semi-annual monitoring reporting; annual SVE system remediation soil sampling; 3 years of SVE system remedial evaluation. The report then went on to describe each part of the scope of work in more detail. The last part of the work plan contained analytical data for groundwater samples which were taken on 7/8/13 from wells LMW01 to LMW03. The results were all non-detect for VOCs. I found the work plan to be acceptable and sent an e-mail to Mr. Frank stating this. 10/18/13 - Raphael Ketani. I spoke to Mr. Steve Frank (718) 321-3136, ext 236 regarding progress at the site. He said that the documents for the contract for the work were put out to bid this week. He expected construction of the system to take place this November. 2/13/14 - Raphael Ketani. As no communication had taken place from Mr. Frank, I left him a voice message requesting an update and I sent him an e-mail, again requesting an update. Mr. Frank sent me the following e-mail: There were some problems on the City s end in the fall and the project had to be re-bid. Earth Globe was the successful bidder on the re-bid and they will get notice to proceed after their City Vendex approval goes through. We expect the system to be constructed and operating by June 2014. After Earth Globe gets the NTP and submits a schedule, I can forward their construction schedule to you if you would like. I responded that the Department would like to receive the construction schedule. 2/14/14 - Raphael Ketani. Mr. Frank sent an e-mail stating that the remediation company is Clean Globe, not Earth Globe. The company was started by two managers from EnviroTrac with remediation experience. 4/18/14 - Raphael Ketani. I received and reviewed the 4/15/14 schedule for the installation of the SVE soil treatment system. I had no comments. 6/24/14 - Raphael Ketani. I sent an e-mail to Mr. Frank (718) 321-3136, ext 236 requesting a progress update. 6/25/14 - Raphael Ketani. In response, Mr. Frank sent me the following e-mail: LiRo s subcontractor Clean Globe has finished construction of the SVE system and will begin the start-up of the system on Thursday, June 26, 2014. During start-up the system will be run and monitored for various periods of time to allow for adjustment of pressures and flow rates and to maximize system performance. Once start up is completed, LiRo will issue a Start-up Report (anticipated submittal in August 2014) and the system will be put into service. We will sample groundwater in July and begin issuing semi-annual monitoring reports in August 2014. 8/25/14 - Raphael Ketani. As there has been no word from Mr. Frank regarding progress aat the site and no document submissions, I sent an e-mail requesting a site status

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update and submission of the aforementioned reports. 9/11/14 - Raphael Ketani. I reviewed the LiRo Semi-Annual Monitoring Report and Soil Vapor Extraction System Start Up Report dated 9/2/14. On 4/8/14, Aquifer Drilling and Testing installed soil borings SVE/LSB-23 and SVE/LSB-24 as vacuum monitoring points VM-3 and VM-2. The blower, equalization tank, carbon canister and hand pump for the system were installed on 5/7/14. The SVE system consists of 3 extraction wells (SVE-1 to 3) and 3 vacuum monitoring points (VM-1 to 3). Startup activities took place on 6/26/14 and 7/14/14. EnviroTrac started routine SVE system operation and maintenance on 7/31/14. They perform weekly and monthly operation and maintenance checks and measurements on the system. The radius of influence of the system was found to be from 12 to 20 feet. System influent and effluent air samples were collected on 6/26, 7/3 and 7/14. The benzene concentrations were below the Stipulation Agreement limits. The influent air samples had high results for total xylenes (up to 30,400 ppb), 1,2,4-trimethylbenzene (up to 10,600 ppb), toluene (up to 10,100 ppb), 1,3,5-trimethylbenzene (up to 4280 ppb) and ethylbenzene (up to 2480 ppb). The effluent sample results were low in concentration - up to the middle double digits with non-detects for each sampling date. Groundwater sampling took place on 6/30/14. No product was found in the wells. Samples were collected from LMW-1 to LMW-3. All of the results were completely non-detect. LiRo recommends semi-annual groundwater gauging, sampling and analysis from wells LMW-1 to 3, continued operation of the SVE system with weekly and monthly operation and maintenance checks and quarterly air discharge sampling and analysis and semi-annulal reporting of air and groundwater data. I approved the report and the recommendations contained therein. 4/30/15 - Raphael Ketani. I reviewed the LiRo Semi-Annual Monitoring Report and Soil Vapor Extraction System Report dated 4/27/14 for the period August 2014 to January 2015. On October 17, 2014, quarterly influent and effluent air samples were collected by EnviroTrac from extraction wells SVE-1 to SVE-3. On December 5, 2014, LiRo gauged the wells and collected groundwater samples LMW-1 to LMW-3. Wall Street is to the east and the precinct building is to the west. The area with soils above the Soil Cleanup Limits is generally found from 8 to 16 feet bgs. The estimated total volume of impacted soils is about 50 feet by 50 feet and 8 feet deep - 740 cu. yds. The SVE system operated for 174 out of a possible 184 days. There were high concentrations of total VOCs in both the influent and effluent samples. TPH was 3530 ppb-v undiluted and 7380 ppb-v diluted for the influent air and 3656 ppb-v undiluted and 5265 ppb-v diluted for effluent air. Benzene was 10.1 ppb-v undiluted and non-detect for diluted influent air and 6.8 ppb-v undiluted and 5.2 ppb-v diluted for effluent air. The SVE system discharge was in compliance with the Stipulation discharge limit during the entire monitoring period. It is estimated that a total of 41.98 lbs. of VOCs have been removed since the system began operation on 7/31/14. Groundwater sampling took place on 12/5/14. Depths to groundwater were from 16.62 feet bgs to 32.49 feet bgs. Groundwater elevations varied from 8.06 feet to 20.77 feet above mean sea level. Flow direction on 12/5/14 was due west. The VOC analytical results for all of the samples were completely non-detect. LiRo proposes to continue operating the SVE system and doing influent and effluent air sampling. They will also continue to monitor and sample the three groundwater wells. 8/25/15 - Raphael Ketani. I sent an email to Mr. Frank requesting the SVE and groundwater monitoring reports by 9/18/15. Mr. Frank responded today

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to my email. He stated that: the 120th Precinct is a New York City Consent Order site and as such we continue to operate the SVE system, conduct required monitoring and submit semi-annual reports as per the site monitoring plan. We will forward the next monitoring report as soon as it has been completed and reviewed. I anticipate this will be before September 18th. 9/16/15 - Raphael Ketani. I reviewed the LiRo Semi-Annual Monitoring Report and Soil Vapor Extraction System Report dated 9/16/15 for the period February 2015 to July 2015. The three wells were gauged on 3/11/15 and gauged and sampled on 6/12/15. From 7/27/15 to 7/29/15 nine confirmatory borings were installed. These were LSB-21 to LSB-29. A total of 27 soil samples were collected. These came from the shallow interval (less than 12 feet bgs), the middle interval (12 feet to 24 feet bgs) and the deep interval (greater than 24 feet bgs). These borings were installed in the vicinity of the March and September 2011 confirmatory boring locations. All of the SHALLOW soil sample results were either greatly reduced when compared to the previous results or non-detect. For the middle depth samples, LSB-22, 23B and 24 to 26 had very low total VOC results. LSB-21 and LSB-29 had greatly reduced results when compared to the previous years' results, but the total VOCs were still extremely high at 370,000 ppb and 92,800 ppb, respectively. The middle depth soil samples for LSB-27 and LSB-28 had extremely high total VOC results of 649,580 ppb and 754,900 ppb, respectively. For the deep depth soil samples, all of the total VOC results were either non-detect or very low, except for LSB-23B which was 191,080 ppb. The SVE system was running 180 days out of 181 days during this period. The air flow rate was about 170 cfm to 190 cfm. Weekly PID influent and effluent measurements were collected by EnvT and CGE. The highest weekly PID measurements were 36 ppm/vol to 43.5 ppm/vol. The highest weekly PID measurements for benzene were 0.72 ppm/vol to 0.87 ppm/vol. Laboratory benzene was 0.004 ppm/vol to 0.022 ppm/vol. For the 6/30/15 air sample, the influent benzene concentration was 35.8 ppb/vol and the effluent benzene concentration was 4.58 ppb/vol. The estimated mass removed was 45.54 lbs. from 2/1/15 to 4/30/15 and 47.42 lbs. from 5/1/15 to 7/31/15. Groundwater samples were taken on 6/12/15 from LMW-01 to LMW-03. LMW-01 was the only downgradient well. Groundwater flow was determined to be to the northwest. All of the VOC results were non-detect. LiRo Engineers stated that the primarily source, the 4,000 gal. UST, had been removed and there was no free product in the wells. They recommend continued semi-annual groundwater gauging and sampling, continuing the operation of the SVE system and the continuation of semi-annual air and groundwater results reporting. I noted that the locations with the highest soil contamination were LSB-21 and LSB-27 to LSB-29 in the northern quadrant of the spill area and directly north of the 4,000 gal. UST. Locations LSB-27 to LSB-29 were close together. I approved the report without comments. 12/15/15 - Raphael Ketani. I sent Steve Frank (718) 321-3136, ext 236 an email in which I requested a brief remedial progress update. Mr. Frank responded with the following email: The system is performing well based on the results from progress soil borings that were documented in our September 2015 report to you. The system has had no downtime in the period August December 2015. We continue to monitor the system and perform any cleaning or maintenance required. The next semi-annual report will cover the period August 2015 January 2016. 2/18/16 - Raphael Ketani. I reviewed the LiRo Engineers Inc. 2/18/16 Semi-Annual Monitoring Report and Soil Vapor Extraction System Report for the period August 2015 to

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January 2016. The wells (LMW-01 to LMW-03) were gauged and 3 groundwater samples were collected on 11/5/15. The SVE system was operational for the entire reporting period. Weekly influent and effluent photo-ionization detector (PID) measurements were collected by CGE. Quarterly air samples were collected from the carbon adsorption system influent and effluent air streams on 9/1/15 and on 12/18/15. The parameters that were tested for consisted of total VOCs, TPH and benzene. The results for the samples from 12/18/15 were significantly lower than those for the 9/1/15 sample. The SVE system effluent samples continued to be in compliance with the STIP discharge limit for benzene. As shown on the weekly influent PID readings graph for total VOCs, the overall trend in concentration since 7/31/15 has been decreasing. The estimated total amount of TPHs removed during this monitoring period is 2.20 pounds. Approximately 49.62 pounds of TPHs have been removed since the system started on 7/31/14. Operation and maintenance checks indicated that the SVE system was operating normally during this period. Air flow and vacuum measurements were collected on 12/15/15 at each SVE well (SVE-01 to SVE-03) and at each vacuum monitoring point (VM-01 to VM-03). The inlet header airflow was 150 CFM (cubic feet per minute) and the inlet header vacuum was 68 inches of water. Vacuum measurements at the SVE wells and the vacuum monitoring points were from 0.5 inches of water at VM-02 to 53 inches of water at SVE-02. The radius of influence was determined to be from 12 to 20 feet (vacuum of at least 0.1 inches of water). Groundwater samples were collected on 11/5/15 for the semi-annual monitoring event from LMW-01 to LMW-03. No free product was observed in the wells. The VOC analytical results for each sample were entirely non-detect. LiRo recommends the following: 1) continue semi-annual groundwater gauging, sampling and analysis. 2) continue the operation of the SVE system with weekly and monthly operations and maintenance monitoring and quarterly air discharge sampling and analysis. 3) continue with semi-annual reporting of air and groundwater data. I approved the data in the report and the recommendations contained therein. 5/20/16 - Raphael Ketani. I sent Steve Frank (718) 321-3136, ext 423 (Franks@liro.com) an email in which I requested a brief remedial progress update. Mr. Frank sent me the following email: The SVE system continues to operate effectively. Our office transmitted our latest semi-annual report to you in February 2016. The site is on a semiannual reporting schedule so the next report will cover the period February 2016 through July 2016 and will be submitted in August 2016. 8/31/16 - Raphael Ketani. I reviewed the LiRo Engineers Inc. 8/30/16 Semi-Annual Monitoring Report and Soil Vapor Extraction System Report for the period February 2016 to July 2016. On 4/14/16 and 4/15/16, the original SVE wells were decommissioned. SVE-01R, SVE-02R and SVE-03R were installed. The replacement took place because the soil samples from the July 2015 confirmation borings showed that the contaminant mass had decreased to the point that vapor recovery had become inefficient. Thus, the reinstallation of the SVE wells in more contaminated areas in a new configuration was undertaken in order to remove more contamination. VM-01, VM-02 and VM-03 continued to be active. Clean Globe Environmental has been managing the SVE system since May 2015. During the reporting period, the SVE system was operational for 182 days (the entire period). Weekly influent and effluent PID measurements were taken by CGE. Quarterly air samples were collected from the carbon adsorption system influent and effluent points on 3/22/16 and 6/7/16. The air samples were submitted

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for analysis using method TO-15. The benzene emissions for the SVE system were completely in compliance with the emissions limits in the Stipulation Agreement. For 6/21/16, the inlet flow volume was 120 cf/min. and the inlet header vacuum was 78 inches of water. The radius of influence (ROI) of the SVE system varied from 12 to 20 feet. The estimated amount of TPH removed during this period was 0.69 lbs. The total amount of TPH removed since the system had started during July 2014 was 50.31 lbs. The results for the soil samples taken on 4/15/16 from SVE-01R for the 12 to 13 foot interval and the 16 to 17 foot interval were entirely non-detect for VOCs and SVOCs. The soil results for the SVE-02R boring for the 14 to 15 foot interval sample were 66 ppb of total VOCs and no SVOCs. The soil samples from the 16 to 17 foot interval at SVE-02R had 335 ppb of total VOCs and no SVOCs. The 11 to 12 foot interval soil sample from the SVE-03R location had 116,590 ppb of total VOCs and 5600 ppb of SVOCs. The soil sample from the 16 to 17 foot interval at the SVE-03R location had 1647 ppb of total VOCs and no SVOCs. Groundwater samples were collected on 6/6/16 for the semi-annual monitoring event from LMW-01 to LMW-03. The wells were also gauged on this date. No free product was observed in the wells. The VOC analytical results for each sample were entirely non-detect. LiRo recommends the following: 1) continue semi-annual groundwater gauging, sampling and analysis. 2) continue the operation of the SVE system with weekly and monthly operations and maintenance monitoring and quarterly air discharge sampling and analysis. 3) continue with semi-annual reporting of air and groundwater data. I approved the data in the report and the recommendations contained therein. 9/1/16 - Raphael Ketani. Ms. DeLozier sent me an email stating that LiRo Engineers was optimistic that the newly installed SVE wells were close enough to remediate the soil contamination - particularly at LSB-23B. A soil sample will be taken at LSB-23B from the 24 to 25 foot interval during the next round of confirmatory soil sampling. 2/22/17 - Raphael Ketani. As the next bi-annual monitoring report is overdue, I sent an email to Ms. DeLozier (DeLozierm@liro.com) requesting its submission. 2/23/17 - Raphael Ketani. Ms. DeLozier responded by email today. She said that the fourth quarter 2016 report will cover from July 2016 to January 2017 and will be submitted on 2/28/17. 2/28/17 - Raphael Ketani. I reviewed the LiRo Engineers Inc. 2/28/17 Semi-Annual Monitoring Report and Soil Vapor Extraction System Report for the period August 2016 to January 2017. The SVE system consists of three extraction wells, SVE-01R to SVE-03R, and three vacuum points, VM-01 to VM-03. The SVE is operational and continues to be managed by Clean Globe Environmental (since May 2015). During the reporting period, the SVE system was operational for 184 days (the entire period). Weekly influent and effluent PID measurements were taken by CGE. Quarterly air samples were collected from the carbon adsorption system influent and effluent points on 9/20/16 and 12/13/16. The air samples were submitted for analysis using method TO-15. The benzene emissions for the SVE system were completely in compliance with the emissions limits in the Stipulation Agreement. The specific SVE results for the 9/20/16 sample were 28.4 ppb/v (128.8 ug/m3) influent and 100.8 ppb/v (456.9 ug/m3) effluent. The specific results for the 12/13/16 sample were 61.0 ppb/v (255.0 ug/m3) influent, and 126.5 ppb/v (535.1 ug/m3) effluent 1:1 dilution and 133.4 ppb/v (566.1 ug/m3) effluent 1:10 dilution. For the August to January monitoring period, the average flow rate was 120 cfm. The relocation of the extraction wells resulted in an increase in the mass of soil VOCs removed from 0.09

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pounds during February 2016 to April 2016 to 0.60 pounds from May 2016 to July 2016. Though only 0.14 pounds was removed from August 2016 to October 2016 and only 0.12 pounds from November 2016 to January 2017. The total amount of TPH removed since the system had started during July 2014 was 50.57 lbs. Confirmatory soil sampling will take place if the amounts collected are less than 0.10 pounds during a particular reporting period. Groundwater samples were collected on 12/12/16 for the semi-annual monitoring event from LMW-01 to LMW-03. The wells were also gauged on this date. No free product was observed in the wells. The VOC analytical results for each sample were entirely non-detect. Groundwater flow was to the southwest [DEC case manager's note: this direction of flow may be due to tidal action or the effect of a pumping well to the southwest of the site]. LiRo recommends the following: 1) continue semi-annual groundwater gauging, sampling and analysis. 2) continue the operation of the SVE system with weekly and monthly operations and maintenance monitoring and quarterly air discharge sampling and analysis. 3) continue with semi-annual reporting of air and groundwater data. 8/31/17 - Raphael Ketani. I reviewed the LiRo Engineers Inc. 8/31/17 Semi-Annual Monitoring Report and Soil Vapor Extraction System Report for the period February to July 2017. The SVE system consists of three extraction wells, SVE-01R to SVE-03R, and three vacuum points, VM-01 to VM-03. The SVE system is operated and maintained by EnviroTrac, Ltd. During the reporting period, the SVE system was operational for 181 days (the entire period). Weekly influent and effluent PID measurements were taken by CGE and EnviroTrac Ltd. Quarterly air samples were collected from the carbon adsorption system influent and effluent points on 3/27/17 and 6/15/17. The air samples were submitted for analysis using method TO-15. The benzene emissions for the SVE system were completely in compliance with the emissions limits in the Stipulation Agreement. The SVE total VOCs results for the 3/27/17 sample were 13.78 ppb/v (59.82 ug/m3) influent and 31.73 ppb/v (136.65 ug/m3) effluent. The total VOCs results for the 6/15/17 sample were 3.13 ppb/v (12.02 ug/m3) influent, and 231.9 ppb/v (1136 ug/m3) effluent. For the February to April monitoring period, the average flow rate was 120 cfm. For the May to July monitoring period, the average flow rate was 113.6 cfm. The total amount of TPH removed since the system had started during July 2014 was 50.62 lbs. Between May 3rd and 4th 2017, 13 confirmatory soil borings (LSB-30 to LSSB-42) were conducted and 32 soil samples were collected. Seven of the samples had at least one VOC concentration above the standards. The total VOC concentrations varied from non-detect in 12 samples to 295,410 ppb in the sample from LSB-42 which was collected from the interval 11 to 13 feet bgs. No SVOCs were detected above the standards. Groundwater samples were collected on 7/14/17 for the semi-annual monitoring event from LMW-01 to LMW-03. The wells were also gauged on this date. No free product was observed in the wells. The VOC analytical results for each sample were entirely non-detect. Groundwater flow was to the southwest [DEC case manager's note: this direction of flow may be due to tidal action or the effect of a pumping well to the southwest of the site]. LiRo recommends the following: 1) reconfigure the SVE system from 3 SVE extraction wells (i.e. SVE-01, SVE-02 and SVE-03) to one SVE extraction well (i.e. SVE-04) located in the vicinity of LSB-32 and LSB-42 and screened from 10 to 14 feet bgs. 2) change groundwater gauging and sampling from semi-annually to annually. 3) decommission SVE-01, SVE-02 and SVE-03. I approved the report and the

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recommendations, except I required that SVE wells 01 to 03 be maintained and operated for at least the next 6 month period. 12/4/17 - Raphael Ketani. Ms. DeLozier (DeLozierm@liro.com)/(718) 882-5476 sent me an email on 12/1/17 stating the following: We would like to inform you that the SVE system at the NYPD -120th Precinct (NYSDEC Spill No. 0904952) has been temporarily shut down. The SVE blower motor shorted out and needs to be replaced. A replacement blower has been ordered and should be installed within the next 4 to 5 weeks (based on manufacture delivery). If you would like, I can send you an email update once it is up and running again. I responded by email and stated that she should notify the Department when the new blower has been installed and is operating. 12/22/17 - Raphael Ketani. Ms. DeLozier informed me today by email that the blower was replaced on 12/18/17 and that the system is fully functional. 3/2/18 - Raphael Ketani. I reviewed the LiRo Engineers Inc. 3/2/18 Semi-Annual Monitoring Report and Soil Vapor Extraction System Report for the period August 2017 to January 2018. Groundwater sampling and gauging took place on 11/28/17. The wells sampled and monitored were LMW-01 to LMW-03. Groundwater flow was to the west at a gradient of 0.0125 ft/ft on 11/28/17. The VOC analytical results were almost entirely non-detect for all 3 samples with only 6 hits total which were up to 1.5 ppb. SVE-04 was installed on 1/2/18. Soil samples were collected from 13.5 feet bgs and 15 feet bgs. The soil samples were tested for VOCs and compared to the unrestricted residential soil standards in CP-51. The well will be incorporated into the SVE system during the first quarter of 2018. The soil sample from the 13.5 to 14 foot interval had 7 VOC hits that were low (0 to 25 ppb) to moderate (26 to 100 ppb) in concentration, 2 hits that were high (101 to 200 ppb), 1 hit of 320 ppb of 1,3,5-trimethylbenzene and 6 hits that were extremely high (501 ppb to values in the many thousands of ppbs). These extremely high hits were mostly 1,2,4-trimethylbenzene and the xylenes. The soil sample from the 15 to 16 foot interval had 13 hits that were low to moderate and 3 hits that were high. The SVE system consists of three extraction wells, SVE-01R to SVE-03R, and three vacuum points, VM-01 to VM-03. The SVE system is operated and maintained by EnviroTrac, Ltd. The SVE system was operational for 168 out of a possible 184 days during this reporting period. The system was off on 11/29/17 due to a blower failure. The blower was replaced on 12/18/17 and the system became operational again. Weekly influent and effluent PID measurements were taken by CGE and EnviroTrac Ltd. Quarterly air samples were collected from the carbon adsorption system influent and effluent points on 9/7/17 and 12/18/17. The air samples were submitted for analysis using method TO-15. The benzene emissions for the SVE system were completely in compliance with the emissions limits in the Stipulation Agreement. The SVE total VOCs results for the 9/7/17 sample were 3.8 ppb/v (15.2 ug/m3) influent and 42 ppb/v (200.5 ug/m3) effluent. The total VOCs results for the 12/18/17 sample were 95.7 ppb/v (420.9 ug/m3) influent, and 0.193 ppb/v (0.950 ug/m3) effluent. For the August to October monitoring period, the average flow rate was 110 cfm. For the November to January monitoring period, the average flow rate was 112 cfm. The total amount of TPH removed since the system had started during July 2014 was 50.88 lbs. The 0.26 lbs. recovered during this period is considered biased high as the system was down for a while and the vapors accumulated in the subsurface. LiRo requested approval to use just SVE-04 for vapor extraction. Also, they wanted to decommission wells SVE-01R, SVE-02R and SVE-03R. I approved the report and the

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request to abandon SVE-01R and SVE-02R. However, I stated that SVE-03R must remain part of the vapor extraction system as 57,000 ppb of total VOCs vapors were extracted from this well during May 2017. 5-3-2018 The spill is reassigned to AZ as per VB request. AZ"

Remarks: "REMOVAL OF A 4000 GALLON UST CONTAMINATED SOIL FOUND CLEAN UP PENDING."

All Materials:

Site ID:	417177
Operable Unit ID:	1173419
Operable Unit:	01
Material ID:	2165345
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

D31 **CASTLETON PRESERVATION, LLC** **NY AST** **A100442061**
WSW **165 3SAINT MARKS PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.083 mi.
437 ft. **Site 5 of 6 in cluster D**

Relative: **Higher**
Actual: **107 ft.**

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-056170
Program Type:	PBS
UTM X:	577696.43941
UTM Y:	4499831.80006
Expiration Date:	06/29/2020
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	901
Affiliation Type:	Mail Contact
Company Name:	STELLAR MANAGEMENT
Contact Type:	Not reported
Contact Name:	KATINA VAZQUEZ
Address1:	156 WILLIAM ST
Address2:	10TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
EMail:	KVAZQUEZ@STELLARMANAGEMENT.COM
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2017-11-16

Site Id:	901
Affiliation Type:	Facility Operator

CASTLETON PRESERVATION, LLC (Continued) **A100442061**

Company Name:	CASTLETON PRESERVATION, LLC
Contact Type:	Not reported
Contact Name:	NA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 731-2250
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2017-11-16

Site Id:	901
Affiliation Type:	Emergency Contact
Company Name:	CASTLETON PRESERVATION, LLC
Contact Type:	Not reported
Contact Name:	DAVE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 731-2250
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-09-05

Site Id:	901
Affiliation Type:	Facility Owner
Company Name:	CASTLETON PRESERVATION, LLC
Contact Type:	COMPLINACE COORDINATOR
Contact Name:	KATINA V. VAZQUEZ
Address1:	156 WILLIAM ST 10TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 843-3783
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2017-11-16

Tank Info:

Tank Number:	003
Tank Id:	274343

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
I05 - Overfill - Vent Whistle

CASTLETON PRESERVATION, LLC (Continued) **A100442061**

G02 - Tank Secondary Containment - Vault (w/access)
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J05 - Dispenser - On Site Heating System (Supply/Return)
F00 - Pipe External Protection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/01/2017
Capacity Gallons:	10000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	LXZIELIN
Last Modified:	11/16/2017
Material Name:	#2 fuel oil (on-site consumption)

D32 **141 EQUITIES LLC** **NY AST** **A100321660**
West **141-56 SAINT MARKS PLACE** **N/A**
< 1/8 **RICHMOND, NY 10301**
0.085 mi.
450 ft. **Site 6 of 6 in cluster D**

Relative:
Higher

Actual:
86 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-069191
Program Type:	PBS
UTM X:	577608.92531
UTM Y:	4499873.97588
Expiration Date:	08/29/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	1457
Affiliation Type:	Facility Operator
Company Name:	141 EQUITIES LLC
Contact Type:	Not reported
Contact Name:	BOB
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(345) 552-0016

141 EQUITIES LLC (Continued) **A100321660**

EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-09-17

Site Id: 1457
Affiliation Type: Emergency Contact
Company Name: 141 EQUITIES LLC
Contact Type: Not reported
Contact Name: POSITIVE HEATING
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 629-4000
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-12

Site Id: 1457
Affiliation Type: Facility Owner
Company Name: 141 EQUITIES LLC
Contact Type: MEMBER
Contact Name: LEON GOLDENBERG
Address1: 1360 EAST 14TH STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11230
Country Code: 001
Phone: (718) 972-1800
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-12

Site Id: 1457
Affiliation Type: Mail Contact
Company Name: 141 EQUITIES LLC
Contact Type: MEMBER
Contact Name: LEON GOLDENBERG
Address1: 1360 EAST 14TH STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11230
Country Code: 001
Phone: (718) 972-1800
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-12

141 EQUITIES LLC (Continued) **A100321660**

Tank Info:

Tank Number:	001
Tank Id:	2525
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	02/15/1934
Capacity Gallons:	5000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	12/12/2017
Material Name:	#2 fuel oil (on-site consumption)

G33 **LOT 7,TAXBLOCK 11** **NY E DESIGNATION** **S109528144**
South **249 ST MARK'S PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.091 mi.
482 ft. **Site 1 of 7 in cluster G**

Relative:
Higher

Actual:
98 ft.

E DESIGNATION:

Tax Lot(s):	7
Tax Block:	11
Borough Code:	Not reported
E-No:	E-217
Effective Date:	10/23/2008
Satisfaction Date:	Not reported
Ceqr Number:	08DCP070R
Ulurp Number:	080426ZMR
Zoning Map No:	21c
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported

F34 **VEH 24536 LEAKED GASOLINE** **NY Spills** **S107658480**
SSE **STUYVESANT ST & WALLEY AVENUE** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.092 mi.
484 ft. **Site 7 of 13 in cluster F**

Relative:
Higher

Actual:
52 ft.

SPILLS:

Facility ID:	0600091
Facility Type:	ER
Spill Number:	0600091
DER Facility ID:	312268
Site ID:	362027
DEC Region:	2
Closed Date:	2006-05-15
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	2006-04-03
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	2006-04-03
CID:	73
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-04-04
Spill Record Last Update:	2006-07-10
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	ERT DESK'
DEC Memo:	"05/15/06 - See e-docs for Con Ed report detailing cleanup and closure. "
Remarks:	"SPILL IS ONTO ASPHALT. CLEAN UP IN PROGRESS. NO TO ALL 5 QUESTIONS. CON ED REF #163638."

All Materials:

Site ID:	362027
Operable Unit ID:	1120134
Operable Unit:	01
Material ID:	2109626
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

H35 **77 NICHOLA ST** **NY Spills** **S104495516**
West **77 NICHOLA ST** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.096 mi.
505 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
97 ft.

SPILLS:

Facility ID:	9305393
Facility Type:	ER
Spill Number:	9305393
DER Facility ID:	260341
Site ID:	323183
DEC Region:	2
Closed Date:	1993-08-02
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	4301
Spill Date:	1993-07-31
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1993-07-31
CID:	Not reported
Water Affected:	ARBUTUS LAKE
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	1993-08-02
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-08-02
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"MANY DEAD FISH. SHE SUSPECTS CHEMICAL KILLING FISIT. CITIZEN WANTS CALL BACK. HE SAID PROBABLY DIE TO OXIGEN DEPLETION. 6PM SPOKE TO MRS MARTINELLI, TOLD HER OZ DEPLETION NO DUMPING NO REAL EVIDENCE-"

All Materials:

Site ID:	323183
Operable Unit ID:	986918
Operable Unit:	01
Material ID:	395317
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

G36 **LOT 4,TAXBLOCK 11** **NY E DESIGNATION** **S109527918**
South **251 ST MARKS PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.097 mi.
510 ft. **Site 2 of 7 in cluster G**

Relative: **Higher**
Actual: **100 ft.**

E DESIGNATION:

Tax Lot(s):	4
Tax Block:	11
Borough Code:	SI
E-No:	E-217
Effective Date:	10/23/2008
Satisfaction Date:	Not reported
Ceqr Number:	08DCP070R
Ulurp Number:	080426ZMR
Zoning Map No:	21c
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported

I37 **TROIANO APARTMENTS** **NY AST** **U003392563**
WNW **250 RICHMOND TERRACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.100 mi.
530 ft. **Site 1 of 2 in cluster I**

Relative: **Lower**
Actual: **24 ft.**

AST:

Region:	STATE
DEC Region:	2
Site Status:	Inactive
Facility Id:	2-200239
Program Type:	PBS
UTM X:	577663.76396
UTM Y:	4500005.12357
Expiration Date:	N/A
Site Type:	Unknown

Affiliation Records:

Site Id:	6735
Affiliation Type:	Facility Owner
Company Name:	PETER T DAPRATO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	319 81ST ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11209
Country Code:	001
Phone:	(718) 833-8343
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	6735
Affiliation Type:	Mail Contact

TROIANO APARTMENTS (Continued) **U003392563**

Company Name:	PETER T DAPRATO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	319 81ST ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11209
Country Code:	001
Phone:	(718) 833-8343
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	6735
Affiliation Type:	Facility Operator
Company Name:	TROIANO APARTMENTS
Contact Type:	Not reported
Contact Name:	PETER T DAPRATO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 833-8343
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	6735
Affiliation Type:	Emergency Contact
Company Name:	PETER T DAPRATO
Contact Type:	Not reported
Contact Name:	PETER T DAPRATO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 833-8343
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	24872
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

TROIANO APARTMENTS (Continued) **U003392563**

Equipment Records:

H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/01/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

G38 **LOT 3,TAXBLOCK 11** **NY E DESIGNATION** **S109527792**
South **257 ST MARKS PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.102 mi.
538 ft. **Site 3 of 7 in cluster G**

Relative:
Higher

Actual:
101 ft.

E DESIGNATION:

Tax Lot(s):	3
Tax Block:	11
Borough Code:	SI
E-No:	E-217
Effective Date:	10/23/2008
Satisfaction Date:	Not reported
Ceqr Number:	08DCP070R
Ulurp Number:	080426ZMR
Zoning Map No:	21c
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date:	Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported

I39 **252 RICHMOND TERRACE** **NY Spills** **S104646910**
WNW **252 RICHMOND TERRACE** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.103 mi.
545 ft. **Site 2 of 2 in cluster I**

Relative: **Lower**

Actual: **21 ft.**

SPILLS:

Facility ID:	9801441
Facility Type:	ER
Spill Number:	9801441
DER Facility ID:	95589
Site ID:	108791
DEC Region:	2
Closed Date:	2005-12-22
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	4301
Spill Date:	1998-04-01
Investigator:	DATROMP
Referred To:	Not reported
Reported to Dept:	1998-05-03
CID:	266
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-05-03
Spill Record Last Update:	2005-12-22
Spiller Name:	Not reported
Spiller Company:	ESAR GANGADIN
Spiller Address:	252 RICHMOND TERRACE
Spiller Company:	001
Contact Name:	ESAR GANGADIN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was M TIBBE 12/7/05 - Site visit by Central Office staff showed no current issues. See photos in EDOCS. 12/21/05 - Spill Closed. "
Remarks:	"SPILLER HAD A NEW UNDERGROUND STORAGE TANK INSTALLED AND HAS LEFT THE CONTAMINATED SOIL PILED IN HIS YARD FOR OVER A MONTH."

All Materials:

Site ID:	108791
Operable Unit ID:	1059077
Operable Unit:	01
Material ID:	323380
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F40 **ST GEORGE DEVELOPMENT LLC** **NY MANIFEST** **S119079278**
SE **55B RICHMOND TER** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.104 mi.
550 ft. **Site 8 of 13 in cluster F**

Relative:
Lower

Actual:
9 ft.

NY MANIFEST:

Country:	USA
EPA ID:	NYR000228601
Facility Status:	Not reported
Location Address 1:	RICHMOND TERRACE
Code:	BP
Location Address 2:	55B RICHMOND TERRACE
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000228601
Mailing Name:	ST GEORGE DEVELOPMENT LLC
Mailing Contact:	ST GEORGE DEVELOPMENT
Mailing Address 1:	150 MYRTLE AVE 2ND FL
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11201
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7184485600

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2016
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	10/14/2016
Trans1 Recv Date:	10/14/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/14/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000228601
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD085690592
TSDF ID 2:	Not reported
Manifest Tracking Number:	009790085FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported

ST GEORGE DEVELOPMENT LLC (Continued) **S119079278**

Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	49360
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

F41 **ST GEORGE DEVELOPMENT LLC** **PA MANIFEST** **S120845238**
SE **55B RICHMOND TERRACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10302**
0.104 mi.
550 ft. **Site 9 of 13 in cluster F**

Relative: **Lower**
Actual: **9 ft.**

Manifest Details:

Year:	2016
Manifest Number:	009790087FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/13/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	20
Unit:	Tons (2000 Pounds)
Handling Code:	Not reported
TSP EPA Id:	PAD085690592

ST GEORGE DEVELOPMENT LLC (Continued) **S120845238**

Date TSP Sig:	Not reported
Year:	2016
Manifest Number:	009790092FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/12/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	40000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported
Year:	2016
Manifest Number:	009790095FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/12/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	40000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported
Year:	2016

ST GEORGE DEVELOPMENT LLC (Continued) **S120845238**

Manifest Number:	009790101FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/11/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	40000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2016
Manifest Number:	009790082FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/14/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	46500
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2016
Manifest Number:	009790085FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601

ST GEORGE DEVELOPMENT LLC (Continued) **S120845238**

Generator Date:	10/14/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	40000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2016
Manifest Number:	009790086FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/13/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	43480
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2016
Manifest Number:	009790098FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/11/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported

ST GEORGE DEVELOPMENT LLC (Continued) **S120845238**

Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	40000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2016
Manifest Number:	009790091FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/13/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	40000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Year:	2016
Manifest Number:	009790093FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYR000228601
Generator Date:	10/12/2016
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported

ST GEORGE DEVELOPMENT LLC (Continued) **S120845238**

TSD Date:	Not reported
TSD Facility Name:	Republic Environmental Systems (Pennsylvania) LLC
TSD Facility Address:	2869 Sandstone Dr
TSD Facility City:	Hatfield
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D008
Container Number:	1
Container Type:	Dump truck
Waste Quantity:	40000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD085690592
Date TSP Sig:	Not reported

Click this hyperlink while viewing on your computer to access
12 additional PA_MANIFEST: record(s) in the EDR Site Report.

F42 **EMPIRE OUTLETS BUILDERS LLC** **RCRA NonGen / NLR** **1019909489**
SE **55B RICHMOND TER** **FINDS** **NYR000228601**
< 1/8 **STATEN ISLAND, NY 10301** **ECHO**
0.104 mi.
550 ft. **Site 10 of 13 in cluster F**

Relative: **Lower**
Actual: **9 ft.**

RCRA NonGen / NLR:

Date form received by agency:	04/18/2017
Facility name:	EMPIRE OUTLETS BUILDERS LLC
Facility address:	55B RICHMOND TER STATEN ISLAND, NY 10301
EPA ID:	NYR000228601
Mailing address:	MYRTLE AVE - 2ND FLOOR BROOKLYN, NY 11201
Contact:	STEVEN CALICCHIO
Contact address:	RICHMOND TER STATEN ISLAND, NY 10301
Contact country:	US
Contact telephone:	646-369-6852
Contact email:	SCALICCHIO@EMPIREOUTLETS.NYC
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ST GEORGE OUTLET DEVELOPMENT LLC
Owner/operator address:	MYRTLE AVE 2ND FLOOR BROOKLYN, NY 11238
Owner/operator country:	US
Owner/operator telephone:	718-422-9999
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/31/2013
Owner/Op end date:	Not reported

EMPIRE OUTLETS BUILDERS LLC (Continued) **1019909489**

Owner/operator name: EMPIRE OUTLET BUILDERS LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2013
Owner/Op end date: Not reported

Owner/operator name: EMPIRE OUTLET BUILDERS LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/31/2013
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 09/13/2016
Site name: EMPIRE OUTLETS BUILDERS LLC
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

EMPIRE OUTLETS BUILDERS LLC (Continued) **1019909489**

FINDS:

Registry ID: 110069705199

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1019909489
Registry ID: 110069705199
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069705199

F43 **LOT 63,TAXBLOCK 7** **NY E DESIGNATION** **S109528123**
SSE **85 STUYVESANT PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.105 mi.
555 ft. **Site 11 of 13 in cluster F**

Relative: **Higher**
Actual: **45 ft.**

E DESIGNATION:
Tax Lot(s): 63
Tax Block: 7
Borough Code: SI
E-No: E-217
Effective Date: 10/23/2008
Satisfaction Date: Not reported
Ceqr Number: 08DCP070R
Ulurp Number: 080426ZMR
Zoning Map No: 21c

Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

F44 **BLOCK 2, LOT 20** **NY UST** **U003652114**
SE **INTERSECTION RICHMOND TERRACE & WALL ST** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.107 mi.
565 ft. **Site 12 of 13 in cluster F**

Relative: **Lower**
Actual: **11 ft.**

UST:
Id/Status: 2-604124 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2

BLOCK 2, LOT 20 (Continued) **U003652114**

Expiration Date: N/A
UTM X: Not reported
UTM Y: Not reported
Site Type: Other

Affiliation Records:

Site Id: 26007
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY ECONOMIC DEVEL. CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 110 WILLIAM STREET, 6TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 312-3752
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26007
Affiliation Type: Mail Contact
Company Name: NEW YORK CITY ECONOMIC DEVELOPMENT CORP
Contact Type: Not reported
Contact Name: MS. KAY ZIAS
Address1: 110 WILLIAM STREET, 6TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 312-3752
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26007
Affiliation Type: Facility Operator
Company Name: BLOCK 2, LOT 20
Contact Type: Not reported
Contact Name: Not reported
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26007

BLOCK 2, LOT 20 (Continued) **U003652114**

Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY ECONOMIC DEVEL. CORP.
Contact Type:	Not reported
Contact Name:	MR. KAY ZIAS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 312-3752
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	56763
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2500
Install Date:	Not reported
Date Tank Closed:	06/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser

J45 **MILLER PAUL INC** **EDR Hist Cleaner** **1020019503**
SSE **100 STIVESANT PL** **N/A**
< 1/8 **STATEN ISLAND, NY 10302**
0.112 mi.
589 ft. **Site 1 of 8 in cluster J**

Relative: EDR Hist Cleaner
Higher

Actual: **58 ft.**

Year:	Name:	Type:
1993	MILLER PAUL INC	Drycleaning Plants, Except Rugs, NEC
1994	PAUL MILLER INC	Drycleaning Plants, Except Rugs
1994	MILLER PAUL INC	Drycleaning Plants, Except Rugs, NEC
1995	PAUL MILLER INC	Drycleaning Plants, Except Rugs
1995	MILLER PAUL INC	Drycleaning Plants, Except Rugs, NEC
1996	MILLER PAUL INC	Drycleaning Plants, Except Rugs
1996	MILLER PAUL INC	Drycleaning Plants, Except Rugs, NEC
1997	MILLER PAUL INC	Drycleaning Plants, Except Rugs
1997	PAUL MILLER CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
1998	MILLER PAUL INC	Drycleaning Plants, Except Rugs
1999	MILLER PAUL INC	Drycleaning Plants, Except Rugs
2005	KIM KYO	Drycleaning Plants, Except Rugs
2006	KIM KYO	Drycleaning Plants, Except Rugs
2007	KIM KYO	Drycleaning Plants, Except Rugs
2008	KIM KYO	Drycleaning Plants, Except Rugs
2009	KIM KYO	Drycleaning Plants, Except Rugs
2010	KIM KYO	Drycleaning Plants, Except Rugs
2011	KIM KYO	Drycleaning Plants, Except Rugs
2012	KIM KYO	Drycleaning Plants, Except Rugs
2013	KIM KYO	Drycleaning Plants, Except Rugs
2014	KIM KYO	Drycleaning Plants, Except Rugs

J46 **HARBOR GARDENS ASSOC** **NY AST** **U003384604**
SSE **100 STUYVESANT PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.112 mi.
589 ft. **Site 2 of 8 in cluster J**

Relative: AST:
Higher

Actual: **58 ft.**

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-114421
Program Type:	PBS
UTM X:	578001.76921
UTM Y:	4499591.05323
Expiration Date:	03/24/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	3740
Affiliation Type:	Mail Contact
Company Name:	HARBOR GARDENS ASSOC, C/C GATEWAY ARMS REALTY
Contact Type:	Not reported
Contact Name:	ROBERT J. FITZSIMMONS
Address1:	100 STUYVESANT PLACE
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10301
Country Code:	001

HARBOR GARDENS ASSOC (Continued) **U003384604**

Phone:	(218) 447-3982
EMail:	MBAVARO@GATEWAYARMSREALTY.COM
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-06-05

Site Id:	3740
Affiliation Type:	Facility Operator
Company Name:	HARBOR GARDENS ASSOC
Contact Type:	Not reported
Contact Name:	GATEWAY REALTY CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(218) 447-3982
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	3740
Affiliation Type:	Emergency Contact
Company Name:	HARBOR GARDENS ASSOC
Contact Type:	Not reported
Contact Name:	ROBERT J FITZSOMMONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 273-3800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	3740
Affiliation Type:	Facility Owner
Company Name:	HARBOR GARDENS ASSOC
Contact Type:	MANAGING PARTNER
Contact Name:	ROBERT FITZSIMMONS
Address1:	285 ST MARKS PLACE
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10301
Country Code:	001
Phone:	(218) 447-3982
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-06-05

HARBOR GARDENS ASSOC (Continued) **U003384604**

Tank Info:

Tank Number:	001
Tank Id:	4087
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
H99 - Tank Leak Detection - Other

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1924
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	06/05/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	002
Tank Id:	4088
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
L09 - Piping Leak Detection - Exempt Suction Piping
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron

HARBOR GARDENS ASSOC (Continued) **U003384604**

Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1924
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	06/05/2017
Material Name:	#2 fuel oil (on-site consumption)

F47 **CSX RAILYARD** **NY Spills** **S103938517**
SE **WALL ST & RICHMOND AVE** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.112 mi.
593 ft. **Site 13 of 13 in cluster F**

Relative: **Lower**

Actual: **14 ft.**

SPILLS:

Facility ID:	9903101
Facility Type:	ER
Spill Number:	9903101
DER Facility ID:	204025
Site ID:	248680
DEC Region:	2
Closed Date:	2001-03-06
Spill Cause:	Unknown
Spill Class:	B2
SWIS:	4301
Spill Date:	1999-06-17
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1999-06-17
CID:	384
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-17
Spill Record Last Update:	2001-03-06
Spiller Name:	MS. KAY ZIAS
Spiller Company:	NEW YORK CITY ECONOMIC
Spiller Address:	110 WILLIAM STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"caller states tank was found on property. tank was found to be leaking and groundwater was affected. noone knows who owns the tank and no record can be found on tank."

All Materials:

Site ID:	248680

CSX RAILYARD (Continued) **S103938517**

Operable Unit ID:	1077698
Operable Unit:	01
Material ID:	303025
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G48 **50 WALL ST** **NY LTANKS** **U003764826**
SSE **50 WALL STREET** **NY UST** **N/A**
< 1/8 **STATEN ISLAND, NY 10301** **NY Spills**
0.113 mi.
596 ft. **Site 4 of 7 in cluster G**

Relative: **Higher**

Actual: **83 ft.**

LTANKS:

Facility ID:	0208648
Site ID:	193938
Closed Date:	2006-03-16
Spill Number:	0208648
Spill Date:	2002-11-20
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	2002-11-20
CID:	405
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-11-20
Spill Record Last Update:	2006-03-16
Spiller Name:	JOHN DOLAN
Spiller Company:	Not reported
Spiller Address:	50 WALL ST
Spiller County:	001
Spiller Contact:	JOHN DOLAN
Spiller Phone:	(718) 981-8523
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	221143
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 11/21/2002: TTF LETTER SENT. 1/7/04-Vought-Spill transferred from Vought to Austin. 01/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 12/5/5- DEC Piper spoke w/ John Dolan. As per our conversation Capitol Tank Cleaning performed isolated test of tank system. Tank passed lines failed. Lines were replaced as per John. He

50 WALL ST (Continued) **U003764826**

will be sending receipts once he finds them. 2/10/06- DEC Piper left message for John requesting callback and info. 3/15/06- DEC Piper left message for John requesting callback and info. 3/16/06- DEC Piper spoke w/ John. Piper recieved info regarging repairs. Passing test thereafter. Replaced vent stick, feed and return. closed."

Remarks: "UNCOVER INSPECT AND RETEST"

All Materials:
Site ID: 193938
Operable Unit ID: 860078
Operable Unit: 01
Material ID: 515644
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

UST:
Id/Status: 2-605123 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 577912.30563
UTM Y: 4499598.81637
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 26992
Affiliation Type: Mail Contact
Company Name: JOHN DOLAN MM
Contact Type: Not reported
Contact Name: GREY COURT APTS. LLC
Address1: P.O. BOX 521
Address2: Not reported
City: ATLANTIC HIGHLANDS
State: NJ
Zip Code: 07716
Country Code: 001
Phone: (347) 628-6335
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-03-27

Site Id: 26992
Affiliation Type: Facility Operator
Company Name: 50 WALL ST
Contact Type: Not reported
Contact Name: JOHN DOLAN
Address1: Not reported
Address2: Not reported
City: Not reported

50 WALL ST (Continued) **U003764826**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 628-6335
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-03-27

Site Id: 26992
Affiliation Type: Emergency Contact
Company Name: JOHN DOLAN
Contact Type: Not reported
Contact Name: JOHN DOLAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 981-8521
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26992
Affiliation Type: Facility Owner
Company Name: JOHN DOLAN MM GREY COURT APTS. LLC
Contact Type: MANAGING MEMBER
Contact Name: JOHN DOLAN
Address1: PO BOX 521
Address2: Not reported
City: ATLANTIC HIGHLANDS
State: NJ
Zip Code: 07716
Country Code: 001
Phone: (347) 628-6335
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-03-27

Tank Info:

Tank Number: 001
Tank ID: 59466
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3000
Install Date: Not reported
Date Tank Closed: 12/11/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

50 WALL ST (Continued) **U003764826**

Tightness Test Method: 21
Date Test: 04/03/2008
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping

SPILLS:

Facility ID: 9311289
Facility Type: ER
Spill Number: 9311289
DER Facility ID: 221143
Site ID: 271728
DEC Region: 2
Closed Date: 1993-12-17
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 4301
Spill Date: 1993-12-17
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1993-12-17
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: 1993-12-17
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1993-12-20
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "OIL LINE TO BURNER LEAKED, SPILL ON FLOOR TO CONCRETE PIT. CLEANED UP WITH SPEEDIE DRY, NO CALL BACK NEEDED."

All Materials:

Site ID: 271728

50 WALL ST (Continued) **U003764826**

Operable Unit ID:	993168
Operable Unit:	01
Material ID:	390329
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G49 **52 WALL STREET** **NY Spills** **S102150271**
South **52 WALL STREET** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.113 mi.
597 ft. **Site 5 of 7 in cluster G**

Relative: **Higher**

Actual: **86 ft.**

SPILLS:

Facility ID:	9502904
Facility Type:	ER
Spill Number:	9502904
DER Facility ID:	150490
Site ID:	179315
DEC Region:	2
Closed Date:	1995-06-07
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	1995-06-07
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1995-06-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	1995-06-07
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-06-13
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"ABOVE GROUND OIL LINE LEAKING"

All Materials:

Site ID:	179315
Operable Unit ID:	1014138

52 WALL STREET (Continued) **S102150271**

Operable Unit:	01
Material ID:	367960
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

J50 **SAINT GEORGE LAUNDROMAT** **EDR Hist Cleaner** **1018813714**
SSE **93 STUYVESANT PL** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.115 mi.
605 ft. **Site 3 of 8 in cluster J**

Relative: EDR Hist Cleaner
Higher

Actual:
48 ft.

Year:	Name:	Type:
1987	COURT LAUNDRY	Power Laundries, Family And Commercial
1988	COURT LAUNDRY	Power Laundries, Family And Commercial
1994	SANS PAREIL	Drycleaning Plants, Except Rugs
1995	SANS PAREIL	Drycleaning Plants, Except Rugs
1996	SANS PAREIL	Drycleaning Plants, Except Rugs
1997	SANAPAREIL	Drycleaning Plants, Except Rugs
2001	STUVYESANT CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2002	STUVYESANT CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2003	STUVYESANT CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
2004	STUVYESANT CLEANERS INC	Drycleaning Plants, Except Rugs, NEC

G51 **POLE 50006** **NY Spills** **S104653990**
South **62 WALL ST** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.120 mi.
631 ft. **Site 6 of 7 in cluster G**

Relative: SPILLS:
Higher

Actual:
92 ft.

Facility ID:	0003652
Facility Type:	ER
Spill Number:	0003652
DER Facility ID:	86525
Site ID:	97068
DEC Region:	2
Closed Date:	2001-09-27
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	2000-06-25
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2000-06-25
CID:	382
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

POLE 50006 (Continued) **S104653990**

Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-06-25
Spill Record Last Update:	2001-10-10
Spiller Name:	MARK SCHLAGEL
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	MARK SCHLAGEL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis Notes: 6/25/00 Contractor hit pole with front end loader and caused the transformer to leak into street, sidewalk, and curb. Also onto two cars. Dammed curb so oil did not go into sewer. About 5 gal came out of transformer. Will be replaced. Contractor started up pumps and washed water into sewer. Clean Harbors to clean up spill. DEP checked manufacturers tag on transformer and left scene satisfied. Coast Guard reported that there was no sheen in river. ERT checked catch basin and found no oil present. Clean Harbors to pressure wash area. Completed 400'X7' area and 15'X7' section of sidewalk. Also cleaned two vehicles. Used 4 barrels of speedy-dri and absorbant pigs. 9/6/01 Clarification: Oil spilled from the transformer was originally suspected that it might run into catch basin located downhill since third party contractor used water to wash roadway adjacent to spill area. It was concluded that oil did not reach the catch basin. The damaged transformer was removed and replaced. (KMF 10/10/01)"
Remarks:	"spill active from pole at location -clean up in progress. con ed 132-004 call back 15:16 - contractor working for con ed originally knocked pole down causing spill - con ed had the spill contained contractor pumped out the excavation site flushing spill down storm drain before con eds clean up crew arrived "

All Materials:

Site ID:	97068
Operable Unit ID:	826053
Operable Unit:	01
Material ID:	551970
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

H52 **IN FORNT OF** **NY Spills** **S107658229**
West **123 SAINT MARKS PLACE** **N/A**
< 1/8 **STATEN ISLAND, NY**
0.120 mi.
632 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
77 ft.

SPILLS:

Facility ID:	0515046
Facility Type:	ER
Spill Number:	0515046
DER Facility ID:	312174
Site ID:	361914
DEC Region:	2
Closed Date:	2006-04-03
Spill Cause:	Other
Spill Class:	C4
SWIS:	4301
Spill Date:	2006-03-31
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	2006-03-31
CID:	409
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-03-31
Spill Record Last Update:	2006-04-03
Spiller Name:	RICH TURCHIANO
Spiller Company:	MADDISON OIL
Spiller Address:	2125 MILL AVE
Spiller Company:	001
Contact Name:	RICH TURCHIANO
DEC Memo:	"pIPER CONTACTED BLDG. alL CLEANED UP. CLosed,"
Remarks:	"CELL # 917-731-4074. 1/2 QUART THAT HAS BEEN CLEANED UP. THE SPEEDY DRY HAS BEEN PUT DOWN AND WILL CLEAN THAT UP."

All Materials:

Site ID:	361914
Operable Unit ID:	1120026
Operable Unit:	01
Material ID:	2109507
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G53 **GME REALTY, LLC.** **NY AST** **U003386491**
South **273 SAINT MARKS PL** **N/A**
< 1/8 **STATEN ISLAND, NY 10301**
0.124 mi.
654 ft. **Site 7 of 7 in cluster G**

Relative:
Higher

Actual:
103 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-096377
Program Type:	PBS
UTM X:	577877.13708
UTM Y:	4499577.45809
Expiration Date:	05/21/2019
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	2726
Affiliation Type:	Facility Operator
Company Name:	273 ST MARKS PL
Contact Type:	Not reported
Contact Name:	SHAWN GUGILLERMO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(570) 972-4470
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2009-03-30

Site Id:	2726
Affiliation Type:	Emergency Contact
Company Name:	ST MARKS REALTY ASSOC LLC
Contact Type:	Not reported
Contact Name:	SHAWN GUGILLERMO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(570) 972-4470 THOMAS
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2009-03-30

Site Id:	2726
Affiliation Type:	Facility Owner
Company Name:	GME REALTY, LLC.
Contact Type:	MGR
Contact Name:	QUAN KOSOVRASTI
Address1:	596 BAY ST
Address2:	Not reported
City:	STATEN ISLAND

GME REALTY, LLC. (Continued) **U003386491**

State:	NY
Zip Code:	1030
Country Code:	001
Phone:	(646) 491-3566
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2013-01-15

Site Id:	2726
Affiliation Type:	Mail Contact
Company Name:	GME REALTY, LLC.
Contact Type:	Not reported
Contact Name:	GME REALTY, LLC.
Address1:	596 BAY ST
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10304
Country Code:	001
Phone:	(646) 491-3566
EMail:	E.KOSOVRASTI@GMAIL.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-04-14

Tank Info:

Tank Number:	001
Tank Id:	10077
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1988
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS

GME REALTY, LLC. (Continued) **U003386491**

Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

54
WSW
1/8-1/4
0.134 mi.
705 ft.

CURTIS HIGH SCHOOL
HAMILTON AVE & ST MARKS PL
STATEN ISLAND, NY 10301

RCRA-CESQG **1000554739**
NY AST **NYD986972164**
NY MANIFEST

Relative:
Higher

Actual:
123 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: CURTIS HIGH SCHOOL
Facility address: HAMILTON AVE & ST MARKS PL
STATEN ISLAND, NY 10301
EPA ID: NYD986972164
Mailing address: QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Contact: Not reported
Contact address: QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: NYC BOARD OF EDUCATION
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-706-3483
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC BOARD OF EDUCATION
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101

CURTIS HIGH SCHOOL (Continued) **1000554739**

Owner/operator country: US
Owner/operator telephone: 718-706-3483
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: CURTIS HIGH SCHOOL
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: CURTIS HIGH SCHOOL
Classification: Not a generator, verified

Date form received by agency: 10/03/1991
Site name: CURTIS HIGH SCHOOL
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN

CURTIS HIGH SCHOOL (Continued) **1000554739**

OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO Ppainting. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P028
. Waste name: BENZENE, (CHLOROMETHYL)-

. Waste code: P030
. Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

. Waste code: P092
. Waste name: MERCURY, (ACETATO-O)PHENYL-

. Waste code: P098
. Waste name: POTASSIUM CYANIDE

CURTIS HIGH SCHOOL (Continued) **1000554739**

. Waste code: P106
. Waste name: SODIUM CYANIDE

. Waste code: U032
. Waste name: CALCIUM CHROMATE

. Waste code: U103
. Waste name: DIMETHYL SULFATE

Violation Status: No violations found

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-351172
Program Type: PBS
UTM X: 577547.67563
UTM Y: 4499865.49548
Expiration Date: 06/28/2023
Site Type: School

Affiliation Records:
Site Id: 17329
Affiliation Type: Facility Operator
Company Name: CURTIS HS - S.I. R450
Contact Type: Not reported
Contact Name: KRISTEN D'ALDESSIO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 390-1872
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2018-03-29

Site Id: 17329
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: MANAGER FUEL DIVISION
Contact Name: MUNENDRA SHARMA
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5752
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2018-06-11

Site Id: 17329

CURTIS HIGH SCHOOL (Continued) **1000554739**

Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS - FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2018-04-10

Site Id:	17329
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-05-10

Tank Info:

Tank Number:	001
Tank Id:	33965
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

I02 - Overfill - High Level Alarm
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
G02 - Tank Secondary Containment - Vault (w/access)
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location: 3

CURTIS HIGH SCHOOL (Continued) **1000554739**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/20/1999
Capacity Gallons:	14000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	03/29/2018
Material Name:	#4 fuel oil (on-site consumption)

Tank Number:	002
Tank Id:	33966
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/20/1999
Capacity Gallons:	14000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	03/29/2018
Material Name:	#4 fuel oil (on-site consumption)

NY MANIFEST:

Country:	USA
EPA ID:	NYD986972164
Facility Status:	Not reported
Location Address 1:	HIGH SCHOOL-105 HAMILTON AVE
Code:	BP

CURTIS HIGH SCHOOL (Continued) **1000554739**

Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986972164
Mailing Name:	NEW YORK CITY BOARD OF EDUCATION-CURTIS
Mailing Contact:	NEW YORK CITY BOARD OF EDUCATION-CURTIS
Mailing Address 1:	HIGH SCHOOL-105 HAMILTON AVE
Mailing Address 2:	Not reported
Mailing City:	STATEN ISLAND
Mailing State:	NY
Mailing Zip:	10301
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182737380

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2012
Trans1 State ID:	MAC300016672
Trans2 State ID:	NYD982792814
Generator Ship Date:	07/20/2012
Trans1 Recv Date:	07/20/2012
Trans2 Recv Date:	07/25/2012
TSD Site Recv Date:	07/26/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986972164
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD048415665
TSDF ID 2:	Not reported
Manifest Tracking Number:	004553181FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H040
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	8.0

CURTIS HIGH SCHOOL (Continued) **1000554739**

Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	D001
Waste Code 1_2:	D003
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K55 **GATEWAY ARMS/APARTMENT HOUSE** **NY UST** **U001832315**
South **285 SAINT MARKS PLACE** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.140 mi.
740 ft. **Site 1 of 7 in cluster K**

Relative:
Higher

Actual:
92 ft.

UST:

Id/Status:	2-114391 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	03/24/2022
UTM X:	577905.91114
UTM Y:	4499551.11535
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	3737
Affiliation Type:	Mail Contact
Company Name:	GATEWAY ARMS REALTY
Contact Type:	Not reported
Contact Name:	DAVID CHAN
Address1:	285 ST MARKS PLACE
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10301
Country Code:	001
Phone:	(718) 273-3800
EMail:	ROBERTF@GATEWAYARMSREALTY.COM
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-06-05

Site Id:	3737
Affiliation Type:	Facility Operator
Company Name:	GATEWAY ARMS/APARTMENT HOUSE
Contact Type:	Not reported
Contact Name:	GATEWAY ARMS/APARTMENT HOUSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported

GATEWAY ARMS/APARTMENT HOUSE (Continued) **U001832315**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 273-3800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 3737
Affiliation Type: Emergency Contact
Company Name: GATEWAY ARMS/APARTMENT HOUSE
Contact Type: Not reported
Contact Name: FERNANDO SANTIAGO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 440-4322
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-06-05

Site Id: 3737
Affiliation Type: Facility Owner
Company Name: GATEWAY ARMS/APARTMENT HOUSE
Contact Type: MGR
Contact Name: ROBERT FITZSIMMONS
Address1: 285 ST MARKS PLACE
Address2: Not reported
City: STATEN ISLAND
State: NY
Zip Code: 10301
Country Code: 001
Phone: (718) 273-3800
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-06-05

Tank Info:

Tank Number: 001
Tank ID: 4084
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 7500
Install Date: 12/01/1966
Date Tank Closed: 04/23/2012
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

GATEWAY ARMS/APARTMENT HOUSE (Continued) **U001832315**

Tightness Test Method: 21
Date Test: 12/27/2007
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

K56 **GATEWAY ARMS/APARTMENT HOUSE** **NY AST** **A100384601**
South **285 SAINT MARKS PLACE** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.140 mi.
740 ft. **Site 2 of 7 in cluster K**

Relative:
Higher

Actual:
92 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-114391
Program Type: PBS
UTM X: 577905.91114
UTM Y: 4499551.11535
Expiration Date: 03/24/2022
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 3737
Affiliation Type: Mail Contact
Company Name: GATEWAY ARMS REALTY
Contact Type: Not reported
Contact Name: DAVID CHAN
Address1: 285 ST MARKS PLACE
Address2: Not reported
City: STATEN ISLAND
State: NY
Zip Code: 10301
Country Code: 001
Phone: (718) 273-3800
EMail: ROBERTF@GATEWAYARMSREALTY.COM
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-06-05

Site Id: 3737
Affiliation Type: Facility Operator
Company Name: GATEWAY ARMS/APARTMENT HOUSE
Contact Type: Not reported
Contact Name: GATEWAY ARMS/APARTMENT HOUSE

GATEWAY ARMS/APARTMENT HOUSE (Continued) **A100384601**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 273-3800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	3737
Affiliation Type:	Emergency Contact
Company Name:	GATEWAY ARMS/APARTMENT HOUSE
Contact Type:	Not reported
Contact Name:	FERNANDO SANTIAGO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 440-4322
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-06-05

Site Id:	3737
Affiliation Type:	Facility Owner
Company Name:	GATEWAY ARMS/APARTMENT HOUSE
Contact Type:	MGR
Contact Name:	ROBERT FITZSIMMONS
Address1:	285 ST MARKS PLACE
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10301
Country Code:	001
Phone:	(718) 273-3800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-06-05

Tank Info:

Tank Number:	002
Tank Id:	250430

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron

GATEWAY ARMS/APARTMENT HOUSE (Continued) **A100384601**

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J04 - Dispenser - On Site Heating System (Suction)
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/11/2013
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	06/05/2017
Material Name:	#2 fuel oil (on-site consumption)

J57 **NYC DEPT OF EDUCATION - PS 77R** **RCRA-SQG** **1018158936**
SSE **120 STUYVESANT PL** **NYR000220095**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.142 mi.
750 ft. **Site 4 of 8 in cluster J**

Relative:
Higher

Actual:
58 ft.

RCRA-SQG:

Date form received by agency:	06/25/2015
Facility name:	NYC DEPT OF EDUCATION - PS 77R
Facility address:	120 STUYVESANT PL STATEN ISLAND, NY 10301
EPA ID:	NYR000220095
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	781-472-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF SCHOOL FACILITIES
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported

NYC DEPT OF EDUCATION - PS 77R (Continued) **1018158936**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 06/23/2015
Owner/Op end date: Not reported

Owner/operator name: GATEWAY ARMS REALTY CORP
Owner/operator address: ST MARKS PL
STATEN ISLAND, NY 10301
Owner/operator country: US
Owner/operator telephone: 718-273-3800
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: 17
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/25/1978
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: B004
. Waste name: B004

. Waste code: B007
. Waste name: B007

Violation Status: No violations found

J58 **120 STUYVESANT PLACE, LLC** **NY UST** **U001839314**
SSE **120 STUYVESANT PLACE** **NY E DESIGNATION** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301** **NY MANIFEST**
0.142 mi.
750 ft. **Site 5 of 8 in cluster J**

Relative:
Higher

Actual:
58 ft.

UST:
Id/Status: 2-340790 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 578030.98509

120 STUYVESANT PLACE, LLC (Continued) **U001839314**

UTM Y: 4499535.72070
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 16474
Affiliation Type: Mail Contact
Company Name: 120 STUYVESANT PLACE, LLC
Contact Type: Not reported
Contact Name: DAVID CHAN
Address1: C/O SILVERBERG AND KIRSCHNER
Address2: 360 LEXINGTON AVE
City: NEW YORK
State: NY
Zip Code: 10170
Country Code: 001
Phone: (718) 273-3800
EMail: ROBERTF@GATEWAYARMSREALTY.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-06-11

Site Id: 16474
Affiliation Type: Facility Operator
Company Name: 120 STUYVESANT PLACE, LLC
Contact Type: Not reported
Contact Name: ANTHONY FELDER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 815-7488
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-06-11

Site Id: 16474
Affiliation Type: Emergency Contact
Company Name: 120 STUYVESANT PLACE, LLC C/O SILVERBERG AND KIRS
Contact Type: Not reported
Contact Name: ROBERT J. FITZSIMMONS JR.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 841-1301
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-06-11

Site Id: 16474
Affiliation Type: Facility Owner
Company Name: 120 STUYVESANT PLACE, LLC C/O SILVERBERG AND KIRS

120 STUYVESANT PLACE, LLC (Continued) **U001839314**

Contact Type:	MANAGER
Contact Name:	DAVID CHAN
Address1:	360 LEXINGTON AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10170
Country Code:	001
Phone:	(718) 273-3800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-06-11

Tank Info:

Tank Number:	002
Tank ID:	31664
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	5000
Install Date:	Not reported
Date Tank Closed:	05/07/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	04/01/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NTFREEMA
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
I05 - Overfill - Vent Whistle

Tank Number:	1
Tank ID:	31663
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	5000
Install Date:	Not reported
Date Tank Closed:	05/07/2015
Registered:	True

120 STUYVESANT PLACE, LLC (Continued) **U001839314**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 04/01/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: CGFREEDM
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle
D00 - Pipe Type - No Piping

E DESIGNATION:
Tax Lot(s): 60
Tax Block: 8
Borough Code: SI
E-No: E-217
Effective Date: 10/23/2008
Satisfaction Date: Not reported
Ceqr Number: 08DCP070R
Ulurp Number: 080426ZMR
Zoning Map No: 21c

Description: Air Quality - Natural Gas Heat & Hot Water
Lot Remediation Date: Not reported

NY MANIFEST:
Country: USA
EPA ID: NYR000220095
Facility Status: Not reported
Location Address 1: 120 STUYVESANT PL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10301
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000220095
Mailing Name: NYC DEPT OF EDUCATION - PS 77R
Mailing Contact: NYCSCA - PS 77R
Mailing Address 1: 120 STUYVESANT PL
Mailing Address 2: Not reported

120 STUYVESANT PLACE, LLC (Continued) **U001839314**

Mailing City:	STATEN ISLAND
Mailing State:	NY
Mailing Zip:	10301
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3522000274

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	07/07/2015
Trans1 Recv Date:	07/07/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/09/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000220095
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	MAC300017498
TSDF ID 2:	Not reported
Manifest Tracking Number:	000293369VES
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H039
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	645
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	4
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	B007
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

120 STUYVESANT PLACE, LLC (Continued) **U001839314**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

J59 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100168216**
SSE **120 STAVESENT PLACE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.144 mi.
760 ft. **Site 6 of 8 in cluster J**

Relative:
Higher

Actual:
63 ft.

LTANKS:

Facility ID:	9011492
Site ID:	167377
Closed Date:	2003-03-06
Spill Number:	9011492
Spill Date:	1991-01-31
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1991-01-31
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-02-08
Spill Record Last Update:	2003-03-06
Spiller Name:	Not reported
Spiller Company:	STATEN ISLAND COLLEGE
Spiller Address:	120 STAVESENT PLACE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	141022
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/06/2003- Closed Due To The Nature / Extent Of The Spill Report"
Remarks:	"6K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,ROUTINE TEST,WILL EMPTY TANK,REPAIR & RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

All TTF:

Facility ID:	9011492
Spill Number:	9011492
Spill Tank Test:	1538206
Site ID:	167377
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported

CLOSED-LACKOF RECENT INFO (Continued) **S100168216**

UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	167377
Operable Unit ID:	948513
Operable Unit:	01
Material ID:	428035
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

J60 **MC GREGOR ARMS REALTY CO** **NY AST** **U003392921**
SSE **115 STUYVESANT PL** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.146 mi.
772 ft. **Site 7 of 8 in cluster J**

Relative:
Higher

Actual:
48 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-289000
Program Type:	PBS
UTM X:	578022.63871
UTM Y:	4499551.43088
Expiration Date:	01/07/2023
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	12998
Affiliation Type:	Emergency Contact
Company Name:	JANE KURTIN
Contact Type:	Not reported
Contact Name:	JANE KURTIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 981-5079
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

MC GREGOR ARMS REALTY CO (Continued) **U003392921**

Date Last Modified:	2004-03-04
Site Id:	12998
Affiliation Type:	Mail Contact
Company Name:	MC GREGORY ARMS REALTY CO.
Contact Type:	Not reported
Contact Name:	JANE KURTIN
Address1:	P.O. BOX 445
Address2:	ST. GEORGE STATION
City:	STATEN ISLAND
State:	NY
Zip Code:	10301
Country Code:	001
Phone:	(718) 981-5079
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	12998
Affiliation Type:	Facility Operator
Company Name:	MC GREGOR ARMS REALTY CO
Contact Type:	Not reported
Contact Name:	JANE KURTIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 981-5079
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	12998
Affiliation Type:	Facility Owner
Company Name:	JANE KURTIN
Contact Type:	PARTNER
Contact Name:	JANE KURTIN
Address1:	P.O. BOX 445, ST. GEORGE STATION
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10301
Country Code:	001
Phone:	(718) 981-5079
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kakyer
Date Last Modified:	2007-11-23

Tank Info:

Tank Number:	001
Tank Id:	25647

MC GREGOR ARMS REALTY CO (Continued) **U003392921**

Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/01/1980
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	11/07/2017
Material Name:	#2 fuel oil (on-site consumption)

J61 **CON EDISON** **NY MANIFEST** **S117738773**
SSE **115 STUYVESANT PL** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.146 mi.
772 ft. **Site 8 of 8 in cluster J**

Relative:
Higher

Actual:
48 ft.

NY MANIFEST:

Country:	USA
EPA ID:	NYP004718482
Facility Status:	Not reported
Location Address 1:	115 STUYVESANT PL
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004718482
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY

CON EDISON (Continued) **S117738773**

Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	MAD039322250
Trans2 State ID:	Not reported
Generator Ship Date:	01/23/2015
Trans1 Recv Date:	01/23/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/26/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004718482
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	007748104FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	660
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **S117738773**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

L62 **BENEDICT REALTY CO** **NY UST** **U000397658**
SE **36 RICHMOND TERR** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.155 mi.
821 ft. **Site 1 of 2 in cluster L**

Relative:
Higher

Actual:
36 ft.

UST:

Id/Status:	2-207721 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	06/30/2022
UTM X:	578099.49914
UTM Y:	4499610.08029
Site Type:	Other

Affiliation Records:

Site Id:	7387
Affiliation Type:	Mail Contact
Company Name:	BENEDICT REALTY CO
Contact Type:	PARTNER
Contact Name:	ALDO GIOVANUCCI
Address1:	45 WATCHOQUE RD
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10314
Country Code:	001
Phone:	(718) 494-6612
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-07-10

Site Id:	7387
Affiliation Type:	Facility Operator
Company Name:	BENEDICT REALTY CO
Contact Type:	Not reported
Contact Name:	BENEDICT REALTY CO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 494-6612
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	7387
Affiliation Type:	Emergency Contact
Company Name:	BENEDICT REALTY CO
Contact Type:	Not reported

BENEDICT REALTY CO (Continued) **U000397658**

Contact Name:	RAYMOND RUSSO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 494-6612
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-07-10

Site Id:	7387
Affiliation Type:	Facility Owner
Company Name:	BENEDICT REALTY CO
Contact Type:	MANAGER
Contact Name:	RAYMOND RUSSO
Address1:	45 WATCHOQUE RD
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10314
Country Code:	001
Phone:	(718) 494-6612
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-07-10

Tank Info:

Tank Number:	001
Tank ID:	9635
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2000
Install Date:	05/03/1951
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	02/23/2017
Next Test Date:	02/23/2018
Pipe Model:	Not reported
Modified By:	TLYE
Last Modified:	08/03/2017

Equipment Records:

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

BENEDICT REALTY CO (Continued) **U000397658**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None

K63 **299 ST MARKS PL** **NY AST** **U003383914**
SSE **299 SAINT MARKS PLACE** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.166 mi.
879 ft. **Site 3 of 7 in cluster K**

Relative:
Higher

Actual:
95 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-069493
Program Type:	PBS
UTM X:	577907.64960
UTM Y:	4499479.20866
Expiration Date:	07/14/2021
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	1483
Affiliation Type:	Mail Contact
Company Name:	SAMSON MANAGEMENT LLC
Contact Type:	Not reported
Contact Name:	ALBA W. MELENDEZ
Address1:	97-77 QUEENS BOULEVARD
Address2:	SUITE 710
City:	REGO PARK
State:	NY
Zip Code:	11374
Country Code:	001
Phone:	(718) 830-0131
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2012-09-24

Site Id:	1483
Affiliation Type:	Facility Operator
Company Name:	299 ST MARKS PL
Contact Type:	Not reported
Contact Name:	TITO RIVERA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 759-7207
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2011-10-24

299 ST MARKS PL (Continued) **U003383914**

Site Id:	1483
Affiliation Type:	Emergency Contact
Company Name:	BAYVIEW HOUSE ASSOCIATES
Contact Type:	Not reported
Contact Name:	ANDRE WILLIAMS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 820-0131
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2011-10-24

Site Id:	1483
Affiliation Type:	Facility Owner
Company Name:	299 ST MARKS LLC C/O SAMSON MGMT LLC
Contact Type:	PROPERTY MANAGER
Contact Name:	ANDRE WILLIAMS
Address1:	97-77 QUEENS BLVD, SUITE 710
Address2:	Not reported
City:	REGO PARK
State:	NY
Zip Code:	11374
Country Code:	001
Phone:	(718) 830-0131
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2012-09-24

Tank Info:

Tank Number:	283
Tank Id:	2557
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F06 - Pipe External Protection - Wrapped
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron

299 ST MARKS PL (Continued) **U003383914**

Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1951
Capacity Gallons:	7500
Tightness Test Method:	03
Date Test:	05/01/1994
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

K64 **RIVINGTON ASSOCIATES** **NY LTANKS** **S106123984**
SSE **299 SAINT MARKS PLACE** **N/A**
1/8-1/4 **STATEN ISLAND, NY**
0.166 mi.
879 ft. **Site 4 of 7 in cluster K**

Relative: **Higher**

Actual: **95 ft.**

LTANKS:

Facility ID:	0311679
Site ID:	247828
Closed Date:	2004-04-21
Spill Number:	0311679
Spill Date:	2004-01-16
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2004-01-16
CID:	405
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-01-16
Spill Record Last Update:	2004-04-21
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	RAY LARA
Spiller Phone:	(718) 624-4842
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	203493
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 1/20/04 TJD Spill initially reported as 20 gallons. Upgraded to 40 gallons. Site visit revealed spill volume actually closer to 100 gallons. Spill cause is human error as tank manway was left unbolted during delivery causing release. Spill impacts all inside of apt building boiler room. PTC retained for cleanup. Cleanup performed

RIVINGTON ASSOCIATES (Continued) **S106123984**

	using absorbents and vac truck. Bldg. Contacts super: Tito Rivera (917)208-6932 owner: Mr. Holland (212)234-7500 T&S Trucking delivering for Castle PBS #2-069493 4/21/04 TJD Spill closed."
Remarks:	"The fuel oil is in a contanded area. Clean up wil be starting in a few minutes."

All Materials:

Site ID:	247828
Operable Unit ID:	879291
Operable Unit:	01
Material ID:	496929
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	0311680
Site ID:	247829
Closed Date:	2004-01-20
Spill Number:	0311680
Spill Date:	2004-01-16
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2004-01-16
CID:	405
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-01-16
Spill Record Last Update:	2004-01-20
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	MR. HOLLAND
Spiller Phone:	(212) 234-7500
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	203493
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO Duplicate to Spill #0311679"
Remarks:	"The top of the tank was completely lose which cause the tank overfill. clean up has started."

RIVINGTON ASSOCIATES (Continued) **S106123984**

All Materials:

Site ID:	247829
Operable Unit ID:	877036
Operable Unit:	01
Material ID:	496930
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K65 **NYC DEPT OF EDUCATION - H S 600R RALPH MCKEE VOCAT** **RCRA-SQG** **1016974919**
South **290 ST MARKS PL** **NYR000213801**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.168 mi.
887 ft. **Site 5 of 7 in cluster K**

Relative: **Higher**

Actual: **113 ft.**

RCRA-SQG:

Date form received by agency:	10/21/2014
Facility name:	NYC DEPT OF EDUCATION - H S 600R RALPH MCKEE VOCATIONAL
Facility address:	290 ST MARKS PL STATEN ISLAND, NY 10301
EPA ID:	NYR000213801
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	718-742-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF EDUCATION
Owner/operator address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	718-742-8501
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/07/1935
Owner/Op end date:	Not reported

NYC DEPT OF EDUCATION - H S 600R RALPH MCKEE VOCATIONAL (Continued) **1016974919**

Owner/operator name: NYC DEPT OF SCHOOL FACILITES
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/07/1935
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: B004
. Waste name: B004

. Waste code: B007
. Waste name: B007

Violation Status: No violations found

K66 **RALPH R MCKEE VOC HS (R600)** **NY AST** **A100129123**
South **290 ST. MARKS PLACE** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.168 mi.
887 ft. **Site 6 of 7 in cluster K**

Relative:
Higher

Actual:
113 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-603801
Program Type: PBS
UTM X: 577850.29931
UTM Y: 4499515.78476
Expiration Date: 12/04/2018
Site Type: School

Affiliation Records:
Site Id: 25704
Affiliation Type: Facility Operator
Company Name: RALPH R MCKEE VOC HS (R600)

RALPH R MCKEE VOC HS (R600) (Continued) **A100129123**

Contact Type:	Not reported
Contact Name:	RICARDO CORDERO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 720-0273
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-05-22

Site Id:	25704
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT. OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS - FUEL DIV.
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-06-11

Site Id:	25704
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-05-10

Site Id:	25704
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY

RALPH R MCKEE VOC HS (R600) (Continued) **A100129123**

Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5751
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2018-06-11

Tank Info:

Tank Number:	1
Tank Id:	55586
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G02 - Tank Secondary Containment - Vault (w/access)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/01/1998
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

K67 **NYC DEPT OF EDUCATION - H S 600R RALPH MCKEE VOCAT** **NY MANIFEST** **S121446946**
South **290 ST MARKS PL** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.168 mi.
887 ft. **Site 7 of 7 in cluster K**

Relative:
Higher

Actual:
113 ft.

NY MANIFEST:

Country:	USA
EPA ID:	NYR000213801
Facility Status:	Not reported
Location Address 1:	290 ST MARKS PL
Code:	BP

NYC DEPT OF EDUCATION - H S 600R RALPH MCKEE VOCATIONAL (Continued) **S121446946**

Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000213801
Mailing Name:	NYC DEPT OF EDUCATION - H S 600R RALPH MCKEE VOCATIONAL
Mailing Contact:	NYC DEPT OF EDUCATION
Mailing Address 1:	44-36 VERNON BLVD
Mailing Address 2:	Not reported
Mailing City:	LONG ISLAND CITY
Mailing State:	NY
Mailing Zip:	11101
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7187200273

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2017
Trans1 State ID:	MAC300016672
Trans2 State ID:	Not reported
Generator Ship Date:	11/08/2017
Trans1 Recv Date:	11/08/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/10/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000213801
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD077444263
TSDF ID 2:	Not reported
Manifest Tracking Number:	010976664FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	12

NYC DEPT OF EDUCATION - H S 600R RALPH MCKEE VOCATIONAL (Continued) **S121446946**

Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D002
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional NY MANIFEST: record(s) in the EDR Site Report.

68
ESE
1/8-1/4
0.170 mi.
898 ft.

NYC ECONOMIC DEV - BALLPARK AT ST GEORGE **RCRA NonGen / NLR** **1001485609**
RICHMOND TER NICHOLAS & WALL **NY MANIFEST** **NYR000070201**
STATEN ISLAND, NY 10301

Relative:
Lower

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	NYC ECONOMIC DEV - BALLPARK AT ST GEORGE
Facility address:	RICHMOND TER NICHOLAS & WALL ST BLK 2 LOT 20 N SIDE STATEN ISLAND, NY 10301
EPA ID:	NYR000070201
Mailing address:	WILLIAM ST NEW YORK, NY 10038
Contact:	KAY ZIAS
Contact address:	WILLIAM ST NEW YORK, NY 10038
Contact country:	US
Contact telephone:	212-312-3752
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NYC ECONOMIC DEVELOPMENT CORP
Owner/operator address:	110 WILLIAM ST NEW YORK, NY 10038
Owner/operator country:	US
Owner/operator telephone:	212-312-3752
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NYC ECONOMIC DEVELOPMENT CORP
Owner/operator address:	110 WILLIAM ST

NYC ECONOMIC DEV - BALLPARK AT ST GEORGE (Continued) **1001485609**

NEW YORK, NY 10038
Owner/operator country: US
Owner/operator telephone: 212-312-3752
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NYC ECONOMIC DEV - BALLPARK AT ST GEORGE
Classification: Not a generator, verified

Date form received by agency: 04/16/1999
Site name: NYC ECONOMIC DEV - BALLPARK AT ST GEORGE
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: B006
. Waste name: B006

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYR000070201
Facility Status: Not reported
Location Address 1: BALLFIELD-75 RICHMOND TERRACE
Code: BP

NYC ECONOMIC DEV - BALLPARK AT ST GEORGE (Continued) **1001485609**

Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000070201
Mailing Name:	NYC ECONOMIC DEVELOPMENT CORP
Mailing Contact:	JOSEPH ANGOTTI
Mailing Address 1:	110 WILLIAM ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10030
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2123123752

NY MANIFEST:

Document ID:	MIA8029169
Manifest Status:	Not reported
seq:	01
Year:	2000
Trans1 State ID:	NYPA263
Trans2 State ID:	Not reported
Generator Ship Date:	12/18/2000
Trans1 Recv Date:	12/18/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/20/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000070201
Trans1 EPA ID:	PAD146714878
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID060975844
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00020

NYC ECONOMIC DEV - BALLPARK AT ST GEORGE (Continued) **1001485609**

Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

69
South
1/8-1/4
0.171 mi.
905 ft.

100 BELMONT PLACE **NY AST** **1002684749**
100 BELMONT PLACE **N/A**
STATEN ISLAND, NY 10301

Relative:
Higher

Actual:
136 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-603265
Program Type:	PBS
UTM X:	577809.71616
UTM Y:	4499478.16476
Expiration Date:	05/20/2020
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	25195
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	MICHAEL J. LAZAROFF
Address1:	135 WEST 14TH ST
Address2:	UNIT 7
City:	NEW YORK
State:	NY
Zip Code:	10011
Country Code:	001
Phone:	(212) 243-1819
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2016-06-20

Site Id:	25195
Affiliation Type:	Facility Operator
Company Name:	100 BELMONT PLACE
Contact Type:	Not reported
Contact Name:	COCO LAZAROFF
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 243-1819
EMail:	Not reported

100 BELMONT PLACE (Continued) **1002684749**

Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2016-06-20

Site Id: 25195
Affiliation Type: Emergency Contact
Company Name: MICHAEL J. LAZAROFF, LLC
Contact Type: Not reported
Contact Name: COCO LAZAROFF
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 243-1819
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2016-06-20

Site Id: 25195
Affiliation Type: Facility Owner
Company Name: MICHAEL J. LAZAROFF, LLC
Contact Type: MANAGING MEMBER
Contact Name: COCO LAZAROFF
Address1: 135 WEST 14TH ST., UNIT 7
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10011
Country Code: 001
Phone: (212) 243-1819
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2016-06-20

Tank Info:

Tank Number: 001
Tank Id: 53629
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
F06 - Pipe External Protection - Wrapped
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None

100 BELMONT PLACE (Continued) **1002684749**

L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1997
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CGFREEDM
Last Modified:	04/14/2017
Material Name:	#6 fuel oil (on-site consumption)

M70 **COLLEGE OF STATEN ISLAND** **RCRA NonGen / NLR** **1001127918**
SSE **130 STUYVESENT PL** **FINDS** **NYR000035279**
1/8-1/4 **STATEN ISLAND, NY 10301** **ECHO**
0.185 mi. **NY MANIFEST**
976 ft. **Site 1 of 4 in cluster M**

Relative: **Higher**
Actual: **64 ft.**

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	COLLEGE OF STATEN ISLAND
Facility address:	130 STUYVESENT PL STATEN ISLAND, NY 10301-1907
EPA ID:	NYR000035279
Mailing address:	STUYVESENT PL C-O NYC DEPT OF DESIGN & CONST STATEN ISLAND, NY 10301
Contact:	Not reported
Contact address:	STUYVESENT PL STATEN ISLAND, NY 10301
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF GENERAL SERVICES
Owner/operator address:	1 CENTRE BLDG MUNICIPAL BLDG NEW YORK, NY 10007
Owner/operator country:	US
Owner/operator telephone:	212-669-7904
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NYC DEPT OF GENERAL SERVICES

COLLEGE OF STATEN ISLAND (Continued) **1001127918**

Owner/operator address: 1 CENTRE BLDG MUNICIPAL BLDG
NEW YORK, NY 10007
Owner/operator country: US
Owner/operator telephone: 212-669-7904
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: COLLEGE OF STATEN ISLAND
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: COLLEGE OF STATEN ISLAND
Classification: Not a generator, verified

Date form received by agency: 02/05/1997
Site name: COLLEGE OF STATEN ISLAND
Classification: Small Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110004532140

COLLEGE OF STATEN ISLAND (Continued) **1001127918**

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001127918
Registry ID: 110004532140
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004532140

NY MANIFEST:
Country: USA
EPA ID: NYR000035279
Facility Status: Not reported
Location Address 1: 130 STUYESENT PL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10301
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000035279
Mailing Name: COLLEGE OF STATEN ISLAND
Mailing Contact: JOHN SANTANA
Mailing Address 1: 130 STUYESENT PL
Mailing Address 2: Not reported
Mailing City: STATEN ISLAND
Mailing State: NY
Mailing Zip: 10301
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183911292

Click this hyperlink while viewing on your computer to access -1 additional NY MANIFEST: record(s) in the EDR Site Report.

M71 **130 STUYVESANT PLACE** **NY LTANKS U001837544**
SSE **130 STUYVESANT PLACE** **NY UST N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.185 mi.
976 ft. **Site 2 of 4 in cluster M**

Relative:
Higher

Actual:
64 ft.

LTANKS:
Facility ID: 9007462
Site ID: 231810
Closed Date: 1992-08-03

130 STUYVESANT PLACE (Continued) **U001837544**

Spill Number:	9007462
Spill Date:	1990-06-07
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1990-10-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-10-09
Spill Record Last Update:	1998-02-06
Spiller Name:	Not reported
Spiller Company:	DORMITORY AUTH STATE OFNY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	191013
DEC Memo:	""
Remarks:	"1.5K TANK, TANK TESTED IN JUNE FAILED RETEST ON 9/28/90,FAILED AGAIN, WILL PUMP TANK."

All TTF:

Facility ID:	9007462
Spill Number:	9007462
Spill Tank Test:	1537668
Site ID:	231810
Tank Number:	Not reported
Tank Size:	0
Material:	0003
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	231810
Operable Unit ID:	948110
Operable Unit:	01
Material ID:	431318

130 STUYVESANT PLACE (Continued) **U001837544**

Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9205102
Site ID:	231811
Closed Date:	1998-02-06
Spill Number:	9205102
Spill Date:	1992-08-03
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1992-08-03
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-08-10
Spill Record Last Update:	1998-02-06
Spiller Name:	Not reported
Spiller Company:	NYS DORMITORY AUTH
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	191013
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE SEE FILE 90-07462. FOUND FILE AND REVIEWED REPORT ON 2\\6\\98. MINOR CONTAMINATION LEFT AFTER EXCAVATION. "
Remarks:	"CONTAMINATED SOIL STOCKPILED, SAMPLED & DISPOSED."

All Materials:

Site ID:	231811
Operable Unit ID:	972604
Operable Unit:	01
Material ID:	409331
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G

130 STUYVESANT PLACE (Continued) **U001837544**

Recovered: .00
Oxygenate: Not reported

UST:
Id/Status: 2-403636 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 578040.09121
UTM Y: 4499519.32355
Site Type: Other

Affiliation Records:
Site Id: 19382
Affiliation Type: Facility Owner
Company Name: N.Y.C. DEPT. OF CITYWIDE ADMIN. SERVICES
Contact Type: Not reported
Contact Name: Not reported
Address1: 1 CENTRE STREET - 16TH FLOOR NORTH
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10007
Country Code: 001
Phone: (212) 669-7244
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19382
Affiliation Type: Mail Contact
Company Name: NYC DEPT. CITYWIDE ADMIN. SERVICES
Contact Type: Not reported
Contact Name: GEORGE SULTANA
Address1: MANHATTAN MUNICIPAL BLDG.
Address2: 1 CENTRE STREET
City: NEW YORK
State: NY
Zip Code: 10007
Country Code: 001
Phone: (212) 669-7244
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19382
Affiliation Type: Facility Operator
Company Name: 130 STUYVESANT PLACE
Contact Type: Not reported
Contact Name: FRANK SALZILLO
Address1: Not reported
Address2: Not reported
City: Not reported

130 STUYVESANT PLACE (Continued) **U001837544**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 556-7371
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	19382
Affiliation Type:	Emergency Contact
Company Name:	N.Y.C. DEPT. OF CITYWIDE ADMIN. SERVICES
Contact Type:	Not reported
Contact Name:	JOSEPH DIDESIDERO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 669-7242
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	21991
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	15000
Install Date:	07/01/1965
Date Tank Closed:	08/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

130 STUYVESANT PLACE (Continued) **U001837544**

H00 - Tank Leak Detection - None

Tank Number:	1
Tank ID:	44997
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	12000
Install Date:	09/01/1992
Date Tank Closed:	04/10/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	ZZ
Date Test:	10/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
I04 - Overfill - Product Level Gauge (A/G)
G04 - Tank Secondary Containment - Double-Walled (Underground)
A02 - Tank Internal Protection - Rubber Liner
J02 - Dispenser - Suction Dispenser
F06 - Pipe External Protection - Wrapped
C02 - Pipe Location - Underground/On-ground
B02 - Tank External Protection - Original Sacrificial Anode
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B01 - Tank External Protection - Painted/Asphalt Coating

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72 **DANWAY REALTY LLC** **NY AST** **U003387073**
SW **30 DANIEL LOW TERRACE** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.189 mi.
998 ft.

Relative:
Higher

Actual:
145 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-287903
Program Type:	PBS
UTM X:	577620.74432
UTM Y:	4499623.64451
Expiration Date:	08/11/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	12904
Affiliation Type:	Facility Owner
Company Name:	DANWAY REALTY LLC
Contact Type:	AGENT

DANWAY REALTY LLC (Continued) **U003387073**

Contact Name:	MOISHE BEILUSH
Address1:	6002 15TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 854-1824
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2012-09-20

Site Id:	12904
Affiliation Type:	Mail Contact
Company Name:	BELMAX MANAGEMENT
Contact Type:	Not reported
Contact Name:	MOISHE BEILUSH
Address1:	6002 15TH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11219
Country Code:	001
Phone:	(718) 854-1824
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	12904
Affiliation Type:	Facility Operator
Company Name:	DANWAY REALTY LLC
Contact Type:	Not reported
Contact Name:	STAN BARTON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 440-3694
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2007-06-15

Site Id:	12904
Affiliation Type:	Emergency Contact
Company Name:	DANWAY REALTY LLC
Contact Type:	Not reported
Contact Name:	MOISHE BEILUSH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

DANWAY REALTY LLC (Continued) **U003387073**

Country Code:	999
Phone:	(718) 854-1824
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-09-25

Tank Info:

Tank Number:	001
Tank Id:	11226
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/27/1998
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	09/25/2017
Material Name:	#2 fuel oil (on-site consumption)

L73 **SUPREME COURT-STATEN ISLAND** **NY MANIFEST** **1009234813**
SE **18 RICHMOND TR** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.196 mi.
1033 ft. **Site 2 of 2 in cluster L**

Relative:
Higher

Actual:
37 ft.

NY MANIFEST:

Country:	USA
EPA ID:	NYP000944454
Facility Status:	Not reported
Location Address 1:	18 RICHMOND TR
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301

SUPREME COURT-STATEN ISLAND (Continued) **1009234813**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP000944454
Mailing Name: SUPREME COURT-STATEN ISLAND
Mailing Contact: C CUMMINGS
Mailing Address 1: 18 RICHMOND TR
Mailing Address 2: Not reported
Mailing City: ST GEORGE-STATEN ISLAND
Mailing State: NY
Mailing Zip: 10301
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2126624044

NY MANIFEST:
Document ID: NYG1286496
Manifest Status: Not reported
seq: 01
Year: 1999
Trans1 State ID: X21R30
Trans2 State ID: Not reported
Generator Ship Date: 06/25/1999
Trans1 Recv Date: 06/25/1999
Trans2 Recv Date: 06/28/1999
TSD Site Recv Date: 07/13/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP000944454
Trans1 EPA ID: NJD986588630
Trans2 EPA ID: NJD054126164
TSDF ID 1: OHD066060609
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported
Discr Partial Reject Indicator: Not reported
Discr Full Reject Indicator: Not reported
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

SUPREME COURT-STATEN ISLAND (Continued) **1009234813**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

N74 **NYC DEPT OF EDUCATION - PS 59R** **RCRA-SQG** **1015747310**
WNW **300 RICHMOND TER** **NY MANIFEST** **NYR000197814**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.213 mi.
1125 ft. **Site 1 of 2 in cluster N**

Relative:
Lower

Actual:
23 ft.

RCRA-SQG:

Date form received by agency:	11/27/2012
Facility name:	NYC DEPT OF EDUCATION - PS 59R
Facility address:	300 RICHMOND TER STATEN ISLAND, NY 10301
EPA ID:	NYR000197814
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	718-472-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF EDUCATION
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	05/18/2012
Owner/Op end date:	Not reported

Owner/operator name:	ST PETERS ROMAN CATHOLIC CHURCH
Owner/operator address:	RICHMOND TER STATEN ISLAND, NY 10301
Owner/operator country:	US
Owner/operator telephone:	718-727-2672
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1916
Owner/Op end date:	Not reported

NYC DEPT OF EDUCATION - PS 59R (Continued) **1015747310**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: B004
. Waste name: B004

. Waste code: B007
. Waste name: B007

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYR000197814
Facility Status: Not reported
Location Address 1: 300 RICHMOND TER
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10301
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000197814
Mailing Name: NYC DEPT OF EDUCATION - PS 59R
Mailing Contact: NYC DEPT OF EDUCATION - PS 59R
Mailing Address 1: 300 RICHMOND TER
Mailing Address 2: Not reported
Mailing City: STATEN ISLAND
Mailing State: NY
Mailing Zip: 10301
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NYR000081661

NYC DEPT OF EDUCATION - PS 59R (Continued) **1015747310**

Trans2 State ID:	NYR000081661
Generator Ship Date:	05/29/2013
Trans1 Recv Date:	05/29/2013
Trans2 Recv Date:	05/31/2013
TSD Site Recv Date:	06/05/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197814
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD980536593
TSDF ID 2:	Not reported
Manifest Tracking Number:	000096950JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	675
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	B004
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

N75 **ST. PETERS SCHOOL** **NY AST** **A100147092**
WNW **300 RICHMOND TERRACE** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.213 mi.
1125 ft. **Site 2 of 2 in cluster N**

Relative: AST:
Lower

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604079

Actual:
23 ft.

ST. PETERS SCHOOL (Continued) **A100147092**

Program Type: PBS
UTM X: 577517.62827
UTM Y: 4500047.42742
Expiration Date: 05/14/2009
Site Type: School

Affiliation Records:

Site Id: 25964
Affiliation Type: Facility Owner
Company Name: ST PETERS CHURCH
Contact Type: PASTOR
Contact Name: JAMES J. DORNEY
Address1: 53 ST MARKS PLACE
Address2: Not reported
City: STATEN ISLAND
State: NY
Zip Code: 10301
Country Code: 001
Phone: (718) 727-2672
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-04-20

Site Id: 25964
Affiliation Type: Mail Contact
Company Name: ST PETERS CHURCH
Contact Type: PASTOR
Contact Name: JAMES J. DORNEY
Address1: 53 ST MARKS PLACE
Address2: Not reported
City: STATEN ISLAND
State: NY
Zip Code: 10301
Country Code: 001
Phone: (718) 727-2672
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-04-20

Site Id: 25964
Affiliation Type: Facility Operator
Company Name: ST. PETERS SCHOOL
Contact Type: Not reported
Contact Name: THOMAS OTTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 447-1796
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

ST. PETERS SCHOOL (Continued) **A100147092**

Site Id:	25964
Affiliation Type:	Emergency Contact
Company Name:	ST PETERS CHURCH
Contact Type:	Not reported
Contact Name:	MONSIGNOR DORNEY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 727-2672
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank Id:	56579
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

M76 **STATEN ISLAND SAVINGS BAN** **NY LTANKS** **S102238675**
SSE **15 HYATT STREET** **NY Spills** **N/A**
1/8-1/4 **STATEN ISLAND, NY**
0.223 mi.
1176 ft. **Site 3 of 4 in cluster M**

Relative:
Higher

Actual:
78 ft.

LTANKS:

Facility ID:	9804984
Site ID:	328623
Closed Date:	2005-11-28
Spill Number:	9804984
Spill Date:	1998-07-21
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	DATROMP
Referred To:	Not reported
Reported to Dept:	1998-07-21
CID:	282
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-07-21
Spill Record Last Update:	2005-11-28
Spiller Name:	BROWN FUEL
Spiller Company:	STATEN ISLAND SAVING BANK
Spiller Address:	15 HYATT STREET
Spiller County:	001
Spiller Contact:	BROWN FUEL COMPANY
Spiller Phone:	(718) 442-8800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	264466
DEC Memo:	"11/28/05 - Report submitted in October 1999 documents the tank was filled in place. Spill closed - 11/28/05"
Remarks:	".731 g/per hour loss leak rate.contact brown fuel they have in charge of the tank. pbs number 2-280720 tank will be pumped out."

All TTF:

Facility ID:	9804984
Spill Number:	9804984
Spill Tank Test:	1546091
Site ID:	328623
Tank Number:	001
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	20
Test Method 2:	USTest 2000/P/LL plus USTest 2000/U
Leak Rate:	.73
Gross Fail:	Not reported

STATEN ISLAND SAVINGS BAN (Continued) **S102238675**

Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 328623
Operable Unit ID: 1062903
Operable Unit: 01
Material ID: 553298
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Facility ID: 9512465
Facility Type: ER
Spill Number: 9512465
DER Facility ID: 264466
Site ID: 197819
DEC Region: 2
Closed Date: 1996-01-09
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 4301
Spill Date: 1996-01-05
Investigator: MMMULQUE
Referred To: Not reported
Reported to Dept: 1996-01-05
CID: 196
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-01-05
Spill Record Last Update: 1996-01-22
Spiller Name: ROSS CARLSILE
Spiller Company: SICPO OIL CO
Spiller Address: 2541 RICHMOND TERR
Spiller Company: 001
Contact Name: ROSS CARLISLE
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN "
Remarks: "oil backed out of a stick line. while making a delivery to staten island bank. 2 gal spill on ground. spill cleaned up by oil co. speedy dry. and cap replaced on stick line."

STATEN ISLAND SAVINGS BAN (Continued) **S102238675**

All Materials:

Site ID:	197819
Operable Unit ID:	1026681
Operable Unit:	01
Material ID:	356208
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	2.00
Oxygenate:	Not reported

M77 **STATEN ISLAND SAVINGS BANK** **NY UST** **U001835421**
SSE **15 HYATT ST** **NY E DESIGNATION** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.223 mi.
1176 ft. **Site 4 of 4 in cluster M**

Relative:
Higher

Actual:
78 ft.

UST:

Id/Status:	2-280720 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	578069.25318
UTM Y:	4499428.05397
Site Type:	Unknown

Affiliation Records:

Site Id:	12276
Affiliation Type:	Facility Owner
Company Name:	STATEN ISLAND SAVINGS BANK
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	15 BEACH ST
Address2:	Not reported
City:	STATEN ISLAND
State:	NY
Zip Code:	10304
Country Code:	001
Phone:	(718) 447-7900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	12276
Affiliation Type:	Mail Contact
Company Name:	STATEN ISLAND SAVINGS BANK
Contact Type:	Not reported
Contact Name:	MICHAEL J. BRENNAN
Address1:	15 BEACH ST
Address2:	Not reported
City:	STATEN ISLAND
State:	NY

STATEN ISLAND SAVINGS BANK (Continued) **U001835421**

Zip Code:	10304
Country Code:	001
Phone:	(718) 447-7900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	12276
Affiliation Type:	Facility Operator
Company Name:	STATEN ISLAND SAVINGS BANK
Contact Type:	Not reported
Contact Name:	STATEN ISLAND S.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 447-4100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	12276
Affiliation Type:	Emergency Contact
Company Name:	STATEN ISLAND SAVINGS BANK
Contact Type:	Not reported
Contact Name:	BROWN FUEL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 442-8800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	14637
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

STATEN ISLAND SAVINGS BANK (Continued) **U001835421**

Tightness Test Method: 01
Date Test: 05/01/1990
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping

E DESIGNATION:
Tax Lot(s): 92
Tax Block: 8
Borough Code: SI
E-No: E-217
Effective Date: 10/23/2008
Satisfaction Date: Not reported
Ceqr Number: 08DCP070R
Ulurp Number: 080426ZMR
Zoning Map No: 21c

Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

O78 **CON EDISON** **NY MANIFEST** **S117738447**
SSE **STUYVESANT PL & HYATT ST** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10301**
0.234 mi.
1238 ft. **Site 1 of 8 in cluster O**

Relative:
Higher

Actual:
64 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004714945
Facility Status: Not reported
Location Address 1: STUYVESANT PL & HYATT ST
Code: BP
Location Address 2: MH154
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10301
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004714945
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL

CON EDISON (Continued) **S117738447**

Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2015
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	01/14/2015
Trans1 Recv Date:	01/14/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/20/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004714945
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD085690592
TSDF ID 2:	Not reported
Manifest Tracking Number:	002659164GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	890
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **S117738447**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O79 **VS305** **RCRA NonGen / NLR** **1007207355**
SSE **HYATT ST. AND STUYVESANT PL.** **NY MANIFEST** **NYP004043691**
1/8-1/4 **NEW YORK CITY, NY 10301**
0.234 mi.
1238 ft. **Site 2 of 8 in cluster O**

Relative:
Higher

Actual:
64 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/03/2001
Facility name:	VS305
Facility address:	HYATT ST. AND STUYVESANT PL. NEW YORK CITY, NY 10301
EPA ID:	NYP004043691
Mailing address:	CONSOLIDATED EDISON INC. 4 IRVING PLACE -- ROOM 300 NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	CONSOLIDATED EDISON INC. NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/02/2001
Site name:	VS305
Classification:	Not a generator, verified
Date form received by agency:	01/01/2001
Site name:	VS305
Classification:	Large Quantity Generator
Violation Status:	No violations found

NY MANIFEST:

VS305 (Continued) **1007207355**

Country:	USA
EPA ID:	NYP004043691
Facility Status:	Not reported
Location Address 1:	VS305-NYATT ST & STUYVESANT
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004043691
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	NYE0252630
Manifest Status:	Not reported
seq:	01
Year:	1999
Trans1 State ID:	GX3216
Trans2 State ID:	Not reported
Generator Ship Date:	09/25/1999
Trans1 Recv Date:	09/25/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/27/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004043691
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980593636
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Waste Code:	Not reported

VS305 (Continued) **1007207355**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01109
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O80 **NYC - STATEN ISLAND BOROUGH HALL** **NY LTANKS** **1001113439**
SSE **10 RICHMOND TER** **RCRA NonGen / NLR** **NYR000024299**
1/8-1/4 **STATEN ISLAND, NY 10301** **FINDS**
0.239 mi. **ECHO**
1261 ft. **Site 3 of 8 in cluster O** **NY MANIFEST**

Relative:
Higher

Actual:
51 ft.

LTANKS:

Facility ID:	1009619
Site ID:	443179
Closed Date:	2011-03-21
Spill Number:	1009619
Spill Date:	2010-12-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	2010-12-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2010-12-09
Spill Record Last Update:	2011-03-21
Spiller Name:	Not reported
Spiller Company:	BORO HALL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	ED
Spiller Phone:	(718) 556-7371
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	349913
DEC Memo:	"Contact: Dario Vasquez 212-669-7245 Dept of City Services 3/5/11 Yesterday received call from Dario vazquez of Citiwide Services He wanted to know what documentation was needed for closure of the case. I called him back today. He told me the vent failed and no

NYC - STATEN ISLAND BOROUGH HALL (Continued) **1001113439**

	contamination found. I told him to submit a letter from 3rd party and ttt report. He also told me tank passed tightness test yesterday. bf 3/21/11 Received letter from Thomas Decker of NYC Citywide Administrative Services that included a letter from Crescent Contracting Corp and a tightness test report. Tank failed because of ventline. No evidence of contamination. bf"
Remarks:	"10000gal ust Tank 2"

All Materials:

Site ID:	443179
Operable Unit ID:	1193652
Operable Unit:	01
Material ID:	2189114
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Facility ID:	0803835
Site ID:	400632
Closed Date:	2013-09-25
Spill Number:	0803835
Spill Date:	2008-07-01
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	VXBREVDO
Referred To:	Not reported
Reported to Dept:	2008-07-02
CID:	408
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-07-02
Spill Record Last Update:	2013-09-25
Spiller Name:	ED MALLIEN
Spiller Company:	STATEN ISLAND BOROUGH
Spiller Address:	10 RICHMOND TERRACE
Spiller County:	999
Spiller Contact:	ED MALLIEN
Spiller Phone:	(718) 556-7371
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	349913
DEC Memo:	"TTF letter sent - see eDocs Green Card receipt shows mailing was accepted by B. Schnetzler at NYC DCS on 8/13/08 see eDocs 07/16/13 - Spill Case is transferred from Moses Ajoku (PBS Unit) to V. Brevdo

NYC - STATEN ISLAND BOROUGH HALL (Continued) **1001113439**

(Section B) as per DER Region 2 decision - Tank Test Failure Spill Case. VB 09/25/2013 - V. Brevdo Reviewed Spill Case and Records as well as PBS records. There are two 10,000 gal tanks - one closed in place and one operating. Tank that was closed in place received DEC PBS notification of closing dated April 3, 2012. This tank was was properly closed in place. Operating tank was certified by DEC and received PBS certificate issued on 11/06/2012 expiring on 10/15/2017. Operating tank and piping system were tested in 2012 and passed the test. Appropriate correspondence of tank and system passing were received from NYC Citywide Administrative Services - dated February 3, 2012. Ullage TTF failure in 2008 is unlikely to result in soil contamination. No petroleum odor complaint was received from Staten Island Boro President's office which is located in the building housing aforementioned UST. Spill case closure is deemed appropriate. Spill case closed effective September 25, 2013."

Remarks: "PBS No: 2-216992 BOTH TANK FAILED THEY ARE NEXT TO EACH OTHER; HISSING SOUND; ULAGE PORTION LEAK;"

All TTF:

Facility ID:	0803835
Spill Number:	0803835
Spill Tank Test:	2486414
Site ID:	400632
Tank Number:	1
Tank Size:	10000
Material:	0001
EPA UST:	Not reported
UST:	True
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

Facility ID:	0803835
Spill Number:	0803835
Spill Tank Test:	2486415
Site ID:	400632
Tank Number:	2
Tank Size:	10000
Material:	0001
EPA UST:	Not reported
UST:	False
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	400632

NYC - STATEN ISLAND BOROUGH HALL (Continued) **1001113439**

Operable Unit ID:	1157450
Operable Unit:	01
Material ID:	2148470
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	NYC - STATEN ISLAND BOROUGH HALL
Facility address:	10 RICHMOND TER STATEN ISLAND, NY 10301
EPA ID:	NYR000024299
Mailing address:	RICHMOND TER STATEN ISLAND, NY 10301
Contact:	Not reported
Contact address:	RICHMOND TER STATEN ISLAND, NY 10301
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NYC OFFICE OF ENERGY CONSERVATION
Owner/operator address:	1 CENTRE ST NEW YORK, NY 10007
Owner/operator country:	US
Owner/operator telephone:	212-669-8710
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NYC OFFICE OF ENERGY CONSERVATION
Owner/operator address:	1 CENTRE ST NEW YORK, NY 10007
Owner/operator country:	US
Owner/operator telephone:	212-669-8710
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported

NYC - STATEN ISLAND BOROUGH HALL (Continued) **1001113439**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: NYC - STATEN ISLAND BOROUGH HALL
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: NYC - STATEN ISLAND BOROUGH HALL
Classification: Not a generator, verified

Date form received by agency: 05/21/1996
Site name: NYC - STATEN ISLAND BOROUGH HALL
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

FINDS:

Registry ID: 110004525256

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NYC - STATEN ISLAND BOROUGH HALL (Continued) **1001113439**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001113439
Registry ID:	110004525256
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004525256

NY MANIFEST:

Country:	USA
EPA ID:	NYR000024299
Facility Status:	Not reported
Location Address 1:	10 RICHMOND TERRACE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000024299
Mailing Name:	NYC STATEN ISLAND BOROUGH
Mailing Contact:	JOHN BLAKE
Mailing Address 1:	10 RICHMOND TERRACE
Mailing Address 2:	Not reported
Mailing City:	STATEN ISLAND
Mailing State:	NY
Mailing Zip:	10301
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9146816384

NY MANIFEST:

Document ID:	NYB8031591
Manifest Status:	K
seq:	Not reported
Year:	1996
Trans1 State ID:	PTH7946
Trans2 State ID:	Not reported
Generator Ship Date:	09/26/1996
Trans1 Recv Date:	09/26/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	10/07/1996
Part A Recv Date:	11/04/1996
Part B Recv Date:	11/22/1996
Generator EPA ID:	NYR000024299
Trans1 EPA ID:	MA5000002394
Trans2 EPA ID:	Not reported
TSDF ID 1:	AZ0000337360
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported

NYC - STATEN ISLAND BOROUGH HALL (Continued) **1001113439**

Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00500
Units:	P - Pounds
Number of Containers:	005
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00890
Units:	P - Pounds
Number of Containers:	013
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O81 **CON EDISON - MANHOLE 51** **RCRA-LQG** **1016960536**
SSE **RICHMOND TARRACE & SIRT** **NY MANIFEST** **NYP004325379**
1/8-1/4 **STATEN ISLAND, NY 10314**
0.239 mi.
1261 ft. **Site 4 of 8 in cluster O**

Relative: **Higher**

Actual: **51 ft.**

RCRA-LQG:

Date form received by agency:	03/27/2014
Facility name:	CON EDISON - MANHOLE 51
Facility address:	RICHMOND TARRACE & SIRT STATEN ISLAND, NY 10314
EPA ID:	NYP004325379
Mailing address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact:	DENNIS HUACON
Contact address:	IRVING PLACE, 15TH FL NE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	212-460-2757
Contact email:	HUACOND@CONED.COM
EPA Region:	02

CON EDISON - MANHOLE 51 (Continued) **1016960536**

Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/07/2013
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/07/2013
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

CON EDISON - MANHOLE 51 (Continued) **1016960536**

Used oil transporter: No

. Waste code: B002
. Waste name: B002

Historical Generators:
Date form received by agency: 08/07/2013
Site name: CON EDISON MANHOLE: 51
Classification: Not a generator, verified

Date form received by agency: 07/07/2013
Site name: CON EDISON MANHOLE: 51
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004325379
Facility Status: Not reported
Location Address 1: RICHMOND TARRACE & SIRT
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10314
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004325379
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: MAD039322250
Trans2 State ID: MAD039322250
Generator Ship Date: 07/07/2013
Trans1 Recv Date: 07/07/2013
Trans2 Recv Date: 07/09/2013
TSD Site Recv Date: 07/09/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004325379
Trans1 EPA ID: Not reported

CON EDISON - MANHOLE 51 (Continued) **1016960536**

Trans2 EPA ID:	Not reported
TSDF ID 1:	MAD053452637
TSDF ID 2:	Not reported
Manifest Tracking Number:	006072811FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	6921
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	B002
Waste Code 1_2:	D008
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O82 **CON EDISON MANHOLE: 50** **RCRA NonGen / NLR** **1016960534**
SSE **10 RICHMOND TERR FRONT OF MH 50** **NY MANIFEST** **NYP004325361**
1/8-1/4 **STATEN ISLAND, NY 10314**
0.239 mi.
1261 ft. **Site 5 of 8 in cluster O**

Relative: RCRA NonGen / NLR:
Higher

Date form received by agency:	08/07/2013
Facility name:	CON EDISON MANHOLE: 50
Facility address:	10 RICHMOND TERR FRONT OF MH 50 STATEN ISLAND, NY 10314
EPA ID:	NYP004325361
Mailing address:	IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	PAUL CONTI
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	718-390-6207
Contact email:	Not reported

Actual:
51 ft.

CON EDISON MANHOLE: 50 (Continued) **1016960534**

EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/07/2013
Site name: CON EDISON MANHOLE: 50
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYP004325361
Facility Status: Not reported
Location Address 1: RICHMOND TERR & SIRT
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: STATEN ISLAND
Location State: NY
Location Zip: 10301
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004325361
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported

CON EDISON MANHOLE: 50 (Continued) **1016960534**

seq:	Not reported
Year:	2013
Trans1 State ID:	MAD039322250
Trans2 State ID:	Not reported
Generator Ship Date:	07/07/2013
Trans1 Recv Date:	07/07/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/09/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004325361
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	MAD053452637
TSDF ID 2:	Not reported
Manifest Tracking Number:	003949112FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	B002
Waste Code 1_2:	D001
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O83 **STATEN ISLAND BOROUGH HALL** **NY UST U004062081**
SSE **10 RICHMOND TERRACE** **NY AST N/A**
1/8-1/4 **STATEN ISLAND, NY 10310**
0.239 mi.
1261 ft. **Site 6 of 8 in cluster O**

Relative:
Higher

Actual:
51 ft.

UST:

Id/Status:	2-216992 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/15/2022
UTM X:	578153.08153
UTM Y:	4499456.09486
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	8188
Affiliation Type:	Facility Operator
Company Name:	STATEN ISLAND BOROUGH HALL
Contact Type:	Not reported
Contact Name:	EDWARD SALEM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 420-2544
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	8188
Affiliation Type:	Facility Owner
Company Name:	DEPT. OF CITYWIDE ADMIN SERVICES
Contact Type:	CHIEF ENGINEER
Contact Name:	JOSEPH WAGNER
Address1:	1 CENTRE STREET, #16 FLOOR NORTH
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10007
Country Code:	001
Phone:	(212) 386-0481
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	8188
Affiliation Type:	Emergency Contact
Company Name:	DEPT. OF CITYWIDE ADMIN SERVICES
Contact Type:	Not reported
Contact Name:	ROBERT SANTIAGO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

STATEN ISLAND BOROUGH HALL (Continued) **U004062081**

Zip Code:	Not reported
Country Code:	999
Phone:	(646) 772-0529
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	8188
Affiliation Type:	Mail Contact
Company Name:	CITY OF NEW YORK DFMC
Contact Type:	Not reported
Contact Name:	ROBERT SANTIAGO
Address1:	1 CENTRE STREET
Address2:	16TH FLOOR NORTH
City:	NEW YORK
State:	NY
Zip Code:	10007
Country Code:	001
Phone:	(212) 386-6340
EMail:	RSANTIAGO@DCAS.NYC.GOV
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Tank Info:

Tank Number:	002
Tank ID:	22449
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	10000
Install Date:	01/01/1950
Date Tank Closed:	06/04/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	05/02/2012
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MFLEONAR
Last Modified:	11/07/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
J00 - Dispenser - None
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
K00 - Spill Prevention - None

STATEN ISLAND BOROUGH HALL (Continued) **U004062081**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-216992
Program Type:	PBS
UTM X:	578153.08153
UTM Y:	4499456.09486
Expiration Date:	10/15/2022
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	8188
Affiliation Type:	Facility Operator
Company Name:	STATEN ISLAND BOROUGH HALL
Contact Type:	Not reported
Contact Name:	EDWARD SALEM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 420-2544
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	8188
Affiliation Type:	Facility Owner
Company Name:	DEPT. OF CITYWIDE ADMIN SERVICES
Contact Type:	CHIEF ENGINEER
Contact Name:	JOSEPH WAGNER
Address1:	1 CENTRE STREET, #16 FLOOR NORTH
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10007
Country Code:	001
Phone:	(212) 386-0481
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	8188
Affiliation Type:	Emergency Contact
Company Name:	DEPT. OF CITYWIDE ADMIN SERVICES
Contact Type:	Not reported
Contact Name:	ROBERT SANTIAGO
Address1:	Not reported
Address2:	Not reported

STATEN ISLAND BOROUGH HALL (Continued) **U004062081**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 772-0529
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Site Id:	8188
Affiliation Type:	Mail Contact
Company Name:	CITY OF NEW YORK DFMC
Contact Type:	Not reported
Contact Name:	ROBERT SANTIAGO
Address1:	1 CENTRE STREET
Address2:	16TH FLOOR NORTH
City:	NEW YORK
State:	NY
Zip Code:	10007
Country Code:	001
Phone:	(212) 386-6340
EMail:	RSANTIAGO@DCAS.NYC.GOV
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-11-07

Tank Info:

Tank Number:	001
Tank Id:	22448
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	4
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1950
Capacity Gallons:	10000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	10/11/2016

STATEN ISLAND BOROUGH HALL (Continued) **U004062081**

Date Tank Closed:	Not reported
Register:	True
Modified By:	MFLEONAR
Last Modified:	02/01/2018
Material Name:	#2 fuel oil (on-site consumption)

O84 **UNOCCUPIED** **NY UST** **U002222991**
SSE **152 STUYVESANT PLACE** **N/A**
1/8-1/4 **STATEN ISLAND, NY 10312**
0.241 mi.
1270 ft. **Site 7 of 8 in cluster O**

Relative:
Higher

Actual:
65 ft.

UST:

Id/Status:	2-602203 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	578060.12467
UTM Y:	4499483.24980
Site Type:	Other

Affiliation Records:

Site Id:	24161
Affiliation Type:	Facility Owner
Company Name:	FIRST NATIONAL BANK % GRANITE MANAGEMENT CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	135 MAIN STREET-SUITE 130
Address2:	Not reported
City:	SAN FRANCISCO
State:	CA
Zip Code:	94105-1812
Country Code:	001
Phone:	(800) 362-9026
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24161
Affiliation Type:	Mail Contact
Company Name:	ECMS INC.
Contact Type:	Not reported
Contact Name:	ROBERT ABRAMO
Address1:	514 RAHWAY AVENUE
Address2:	Not reported
City:	WOODBRIDGE
State:	NJ
Zip Code:	07095
Country Code:	001
Phone:	(908) 855-8830
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24161

UNOCCUPIED (Continued) **U002222991**

Affiliation Type:	Facility Operator
Company Name:	UNOCCUPIED
Contact Type:	Not reported
Contact Name:	ROBERT ABRAMO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(908) 855-8830
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24161
Affiliation Type:	Emergency Contact
Company Name:	FIRST NATIONAL BANK % GRANITE MANAGEMENT CORP
Contact Type:	Not reported
Contact Name:	ROBERT ABRAMO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(908) 855-8830
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	49533
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	09/01/1972
Date Tank Closed:	05/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None

UNOCCUPIED (Continued) **U002222991**

I00 - Overfill - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

85
West
1/8-1/4
0.244 mi.
1286 ft.

PRIVATE HOME **NY LTANKS** **S108639816**
56 ST MARKS **N/A**
STATEN ISLAND, NY

Relative:
Higher

Actual:
87 ft.

LTANKS:

Facility ID:	0703073
Site ID:	382931
Closed Date:	2013-01-03
Spill Number:	0703073
Spill Date:	2007-06-14
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2007-06-14
CID:	444
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-06-14
Spill Record Last Update:	2013-01-03
Spiller Name:	VINNY LOVRI
Spiller Company:	PRIVATE HOME
Spiller Address:	56 ST MARKS PLACE
Spiller County:	001
Spiller Contact:	VINNY LOVRI
Spiller Phone:	(718) 708-3425
Spiller Extention:	CELL
DEC Region:	2
DER Facility ID:	332383
DEC Memo:	"Sangesland spoke to Vinny at Island Tank. He says they pulled a buried 550 gal UST from the front lawn of this house. There were holes in the tank and some oil spilled out in the pit. They are excavating out the contamination and expect to pull 3 to 4 drums of bad soil. Vinny will take endpoint samples and photos and submit a closure package to the DEC Soon . 8/29/07 Called Vinny Lovari of Island Tank (718)967-9424. He excavated approximately 35 drums of contaminated soil. Sampling to be done next week. bf 8/17/12 Spill re-assigned to T. Demeo as per RSE. bf 12/13/12 AFrischeisen intern TTF letter sent. 1/3/13 AFrischeisen intern Upped documents sent by Bertram Ploog. Island Tank Cleaners certifies that oil storage tank

PRIVATE HOME (Continued) **S108639816**

was removed and any contaminated soil found around the tank area was removed and disposed of. Documents mistakenly show 15 St Marks rather than 56 St Marks (error by NYC Fire Dept). Ploog said he can get corrected letters if we need. CASE CLOSED. Closure letter upped to eDocs and sent to address. Reviewed by S Sangesland."

Remarks: "HOLES AND CONTAMINATED SOIL FOUND"

All Materials:

Site ID:	382931
Operable Unit ID:	1140310
Operable Unit:	01
Material ID:	2130374
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

P86 **NYCDOT STATEN ISLAND FERRY** **NY MOSF** **S110541089**
ESE **ST GEORGE FERRY TERMINAL** **N/A**
1/4-1/2 **STATEN ISLAND, NY 10301**
0.255 mi.
1348 ft. **Site 1 of 2 in cluster P**

Relative: **Lower**
Actual: **1 ft.**

MOSF:

Facility ID:	2-2540
Program Type:	MOSF
Tank Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	578322.00000
UTMY:	4499752.00000

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87 **52 CRESCENT AVENUE** **NY LTANKS** **S102672424**
SW **52 CRESCENT AVENUE** **N/A**
1/4-1/2 **STATEN ISLAND, NY**
0.271 mi.
1430 ft.

Relative: **Higher**
Actual: **103 ft.**

LTANKS:

Facility ID:	9314204
Site ID:	278978
Closed Date:	1994-03-08
Spill Number:	9314204
Spill Date:	1994-03-03
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	1994-03-08
SWIS:	4301
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1994-03-04

52 CRESCENT AVENUE (Continued) **S102672424**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Citizen
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-03-10
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	BAYSIDE FUEL CO.
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	226518
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT 10/10/95: This is additional information about material spilled from the translation of the old spill file: WAS FILLED A WEEK AG."
Remarks:	"OIL MAN WAS SUPPOSE TO TURN ON HEAT - NOT DELIVER OIL - BUT DELIV. OIL - WHICH WAS ALREADY FULL - OIL CO. PUT SOMETHING ON IT - WAS SUPPOSE TO CAME BACK LAST NIGHT? CALL BACK WANTED. SPOKE TO VICTOR A"

All Materials:

Site ID:	278978
Operable Unit ID:	992514
Operable Unit:	01
Material ID:	389540
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Q88 **RICHMOND TERR.& BAY ST/SI** **NY LTANKS** **S102671229**
SE **RICHMOND TERRACE & BAY ST** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.273 mi.
1443 ft. **Site 1 of 3 in cluster Q**

Relative:
Higher

Actual:
36 ft.

LTANKS:

Facility ID:	8708306
Site ID:	323510
Closed Date:	1987-12-26
Spill Number:	8708306
Spill Date:	1987-12-26
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1987-12-26

RICHMOND TERR.& BAY ST/SI (Continued) **S102671229**

SWIS:	4301
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1987-12-26
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-01-25
Spill Record Last Update:	1989-03-13
Spiller Name:	Not reported
Spiller Company:	STATEN ISLAND BORO HALL
Spiller Address:	RICHMOND TERRACE/BAY ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	260614
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN "
Remarks:	"FIRE DEPT APPLYING SPEEDY-DRY, CALLED FIRE DEPT, NO OIL IN SEWERS, CLEANUP BEING HANDLED BY FIRE DEPT, NO RESPONSE REQUIRED BY DEC."

All Materials:

Site ID:	323510
Operable Unit ID:	912931
Operable Unit:	01
Material ID:	463698
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

P89 **NYCDOT DIVISION OF FERRIES OIL FACILITY** **NY MOSF UST** **S102634302**
East **ST. GEORGE FERRY TERMINAL BUILDING** **NY MOSF AST** **N/A**
1/4-1/2 **STATEN ISLAND, NY 10301**
0.275 mi.
1450 ft. **Site 2 of 2 in cluster P**

Relative: **Lower**
Actual: **1 ft.**

MOSF UST:

Id/Status:	2-2540 / ACTIVE FACILITY
SWIS Code:	64
Facility Town:	ST. GEORGE
Contact Phone:	(718) 390-5255
Emergency Contact:	Not reported
Emergency Telephone:	Not reported
CBS Number:	Not reported
SPDES Num:	Not reported

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Total Tanks:	10
Total Capacity:	648312
Avg Throughput:	20000
License Stat:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Prod Xfer Options:	AC
Expiration Date:	03/31/2004
Applic Rcvd:	03/10/1999
Operator:	WILLIAM KANE
Owner Name:	NYCDOT/STATEN ISLAND FERRY
Owner Address:	ST. GEORGE FERRY TERMINAL BUILDING
Owner City,St,Zip:	STATEN ISLAND, NY 10301-
Owner Telephone:	(718) 390-5214
Owner Type:	Local Government
Owner Status:	2
Owner Mark:	First Owner
Mail To Name:	NYC DOT
Mail To Address:	DIVISION OF FERRIES
Mail To Address 2:	ST. GEORGE FERRY TERMINAL BUILDING
Mail City,St,Zip:	STATEN ISLAND, NY 10301-
Mail To Contact:	ALBERT E. SMITH
Mail To Telephone:	(718) 390-5214
Legal Agent Name:	K.R. "JACK" LARSON C/O NYCDOT
Legal Agent Address:	ST. GEORGE FERRY TERMINAL BUILDING
Legal Agent City,St,Zip:	STATEN ISLAND, NY 10301-
Date Filed:	Not reported
Latitude:	40|38|43
Longitude:	74|04|27

Tank ID:	1
Tank Location:	UNDERGROUND
Install Date:	12/51
Capacity (Gal):	15000
Product:	NOS 5 OR 6 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	Product Level Gauge
Dispenser:	Suction
Test Date:	00/00
Date Closed:	09/94
Status of Data:	Complete
Inspected Date:	03/29/1995
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/1999
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	12/11/1998

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Federal Id No: Not reported
COI Date: / /

Tank ID: 2
Tank Location: UNDERGROUND
Install Date: 12/51
Capacity (Gal): 15000
Product: NOS 5 OR 6 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Contain: None
Leak Detection: None
Overfill Protection: Product Level Gauge
Dispenser: Suction
Test Date: 00/00
Date Closed: 09/94
Status of Data: Complete
Inspected Date: 03/29/1995
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/1999
Vessel Id: Not reported
Renew Flag: True
Renew Date: 12/11/1998
Federal Id No: Not reported
COI Date: / /

Tank ID: L01
Tank Location: UNDERGROUND
Install Date: 12/51
Capacity (Gal): 3000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Contain: 18
Leak Detection: None
Overfill Protection: Catch Basin
Dispenser: Gravity
Test Date: 00/00
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 03/29/1995

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/1999
Vessel Id: Not reported
Renew Flag: True
Renew Date: 12/11/1998
Federal Id No: Not reported
COI Date: / /

Tank ID: L02
Tank Location: UNDERGROUND
Install Date: 12/51
Capacity (Gal): 3000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Contain: 18
Leak Detection: None
Overfill Protection: Catch Basin
Dispenser: Gravity
Test Date: 00/00
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 03/29/1995
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: 04/01/1999
Vessel Id: Not reported
Renew Flag: True
Renew Date: 12/11/1998
Federal Id No: Not reported
COI Date: / /

Tank ID: L03
Tank Location: UNDERGROUND
Install Date: 12/51
Capacity (Gal): 3000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Contain: 18

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Leak Detection:	None
Overfill Protection:	Catch Basin
Dispenser:	Gravity
Test Date:	00/00
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	03/29/1995
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/1999
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	12/11/1998
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	W01
Tank Location:	UNDERGROUND
Install Date:	12/51
Capacity (Gal):	1000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	18
Leak Detection:	None
Overfill Protection:	Catch Basin
Dispenser:	Gravity
Test Date:	00/00
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	03/29/1995
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/1999
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	12/11/1998
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	W02
Tank Location:	UNDERGROUND
Install Date:	12/51
Capacity (Gal):	1000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	18
Leak Detection:	None
Overfill Protection:	Catch Basin
Dispenser:	Gravity
Test Date:	00/00
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	03/29/1995
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/1999
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	12/11/1998
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	W03
Tank Location:	UNDERGROUND
Install Date:	12/51
Capacity (Gal):	1000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	18
Leak Detection:	None
Overfill Protection:	Catch Basin
Dispenser:	Gravity
Test Date:	00/00
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	03/29/1995
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/1999
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	12/11/1998
Federal Id No:	Not reported
COI Date:	/ /

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Tank ID:	W04
Tank Location:	UNDERGROUND
Install Date:	12/51
Capacity (Gal):	1000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	18
Leak Detection:	None
Overfill Protection:	Catch Basin
Dispenser:	Gravity
Test Date:	00/00
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	03/29/1995
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/1999
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	12/11/1998
Federal Id No:	Not reported
COI Date:	/ /

MOSF AST:

MOSF Number:	2-2540
SWIS Code:	64
Facility Town:	ST. GEORGE
Facility Phone:	(718) 390-5255
Emergency Contact Name:	Not reported
Emergency Contact Phone:	Not reported
Total Tanks:	10
Total Capacity:	648312
Daily Throughput:	20000
License Status:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Product Transfer Operation:	AC
Facility Status:	IN SERVICE
Operator Name:	WILLIAM KANE
Owner Name:	NYCDOT/STATEN ISLAND FERRY
Owner Address:	ST. GEORGE FERRY TERMINAL BUILDING
Owner City,St,Zip:	STATEN ISLAND, NY 10301-
Owner Phone:	(718) 390-5214
Owner Type:	Local Government
Owner Status:	2
Owner Mark:	First Owner
Mailing Name:	NYC DOT
Mailing Address:	DIVISION OF FERRIES
Mailing Address 2:	ST. GEORGE FERRY TERMINAL BUILDING
Mailing City,St,Zip:	STATEN ISLAND, NY 10301-

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Mailing Contact:	ALBERT E. SMITH
Mailing Phone:	(718) 390-5214
Legal Agent Name:	K.R. "JACK" LARSON C/O NYCDOT
Legal Agent Address:	ST. GEORGE FERRY TERMINAL BUILDING
Legal Agent City,St,Zip:	STATEN ISLAND, NY 10301-
LIC Expires:	03/31/2004

Tank ID:	1A
Tank Location:	ABOVEGROUND
Install Date:	10/91
Product:	NOS 5 OR 6 FUEL OIL
Tank Type:	Stainless steel alloy
Tank Internal:	None
Tank External:	NONE
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Prefabricated Steel Dike
Leak Detection:	None
Overfill Protection:	Product Level Gauge
Dispensing Mthd:	Suction
Test Date:	00/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	8000
Lat/Long:	40|38|43 / 74|04|27
Federal ID:	Not reported
Inspected Date:	03/29/1995
Inspector:	AS
Renew Date:	12/11/1998
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /

Date License Issued:	04/01/1999
Date License Application Received:	03/10/1999
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	BARGE 4
Tank Location:	ABOVEGROUND
Install Date:	12/67
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	None
Leak Detection:	None

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Overfill Protection:	Product Level Gauge
Dispensing Mthd:	Suction
Test Date:	00/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	179760
Lat/Long:	40|38|43 / 74|04|27
Federal ID:	Not reported
Inspected Date:	03/29/1995
Inspector:	AS
Renew Date:	12/11/1998
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	04/01/1999
Date License Application Received:	03/10/1999
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	BARGE 5
Tank Location:	ABOVEGROUND
Install Date:	12/69
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	None
Leak Detection:	None
Overfill Protection:	Product Level Gauge
Dispensing Mthd:	Suction
Test Date:	00/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	447552
Lat/Long:	40|38|43 / 74|04|27
Federal ID:	Not reported
Inspected Date:	03/29/1995
Inspector:	AS
Renew Date:	12/11/1998
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	04/01/1999
Date License Application Received:	03/10/1999
Chemical Bulk Storage Number:	Not reported

NYCDOT DIVISION OF FERRIES OIL FACILITY (Continued) **S102634302**

Pollution Discharge Elimination System Num: Not reported
Date Legal Agent Filed with Secretary of State: Not reported

O90 **ST GEORGE FERRY TERMINAL** **NY LTANKS** **S100153856**
SSE **ST GEORGE FERRY TERMINAL** **N/A**
1/4-1/2 **STATEN ISLAND, NY**
0.280 mi.
1477 ft. **Site 8 of 8 in cluster O**

Relative:
Higher

Actual:
43 ft.

LTANKS:

Facility ID:	9102859
Site ID:	147817
Closed Date:	1995-07-11
Spill Number:	9102859
Spill Date:	1991-06-07
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	A3
Cleanup Ceased:	1995-07-11
SWIS:	4301
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1991-06-11
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-06-12
Spill Record Last Update:	1995-07-11
Spiller Name:	Not reported
Spiller Company:	NYCDOT
Spiller Address:	BATTERY MARITIME BLDG 3RD
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	125825
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG / / : 4. / / : . "
Remarks:	"SATURATED CONTAMINATION GROUNDWATER. THE SPILL WAS EFFECTIVELY CLEANED UP BY NYCDOT UNDER A CONTRACT WITH DIRECT ENVIRONMENTAL. THE TWO #6 F.O. TANKS WERE REMOVED. CASE CLOSED BY K. TANG"

All Materials:

Site ID:	147817
Operable Unit ID:	956734
Operable Unit:	01
Material ID:	425345
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00

ST GEORGE FERRY TERMINAL (Continued) **S100153856**

Units: G
Recovered: .00
Oxygenate: Not reported

Q91 **THOMAS ANDREWS** **NY LTANKS** **S102662570**
SE **ST. GEORGE FERRY TERMINAL** **N/A**
1/4-1/2 **NEW YORK, NY**
0.280 mi.
1477 ft. **Site 2 of 3 in cluster Q**

Relative: **Higher**
Actual: **38 ft.**

LTANKS:
Facility ID: 9306703
Site ID: 124864
Closed Date: 1997-07-31
Spill Number: 9306703
Spill Date: 1993-09-01
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1993-09-01
CID: Not reported
Water Affected: ATLANTIC OCEAN
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-03-30
Spill Record Last Update: 1997-08-06
Spiller Name: Not reported
Spiller Company: NYC DOT
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 108093
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG 10/10/95: This is additional information about material spilled from the translation of the old spill file: OIL & H2O MIX. AFTER CONSIDERING THE FACT THAT THE SPILL OCCURRED SO LONG AGO, AND THE REMARKS INDICATE THAT NO LONG-TERM FOLLOW-UP IS NEEDED. THEREFORE, I HAVE CLOSED THIS SPILL."
Remarks: "SLUDGY MIX PUT INTO A TANK VENT ON TO OCEAN. PUT ON BOOM CALLED C4 WILL CONTINUE CLEAN UP."

All Materials:
Site ID: 124864
Operable Unit ID: 987954
Operable Unit: 01
Material ID: 396552

THOMAS ANDREWS (Continued) **S102662570**

Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Q92 **STATEN ISLAND FERRY FUEL PIER** **NY LTANKS** **S109582997**
SE **1 BAY ST** **NY Spills** **N/A**
1/4-1/2 **STATEN ISLAND, NY 10301** **NY SPDES**
0.283 mi.
1494 ft. **Site 3 of 3 in cluster Q**

Relative:
Higher

Actual:
34 ft.

LTANKS:

Facility ID:	0706511
Site ID:	387042
Closed Date:	2008-10-06
Spill Number:	0706511
Spill Date:	2007-09-11
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	2007-09-11
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-09-11
Spill Record Last Update:	2008-10-06
Spiller Name:	MIKE BROWN
Spiller Company:	ST GEORGE FERRY TERMINAL
Spiller Address:	1 BAY STREET
Spiller County:	001
Spiller Contact:	MIKE BROWN
Spiller Phone:	(800) 646-3161
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	247026
DEC Memo:	"9/11/07 called Bill Kane of DOT (646)772-9765. He did not know of tank failure and was driving back to St. George Terminal. He said that he will call me in approximately 1/2 hour and let me know what happened. Mr. Kane called back and he called Crompco and left message. He will call me back when he gets more information. TTF letter sent to: Frank Nicolosi NYCDOT Division of Ferries 1 Bay Street Staten Island, NY 10301 bf 10/9/07 On 10/5/07 received message from Frank Nicolosi of DOT (917)731-3321. I called him back today and he wanted to confirm what was needed as far as a response to the ttf

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

letter. The tank should be repaired in next 2 to 3 weeks and will forward documentation to me when he gets it. bf 2/21/08 Called F. Nicolosi. Tank was retested and passed (I knew this and saw the results). Gemstar did repair: put in new manway. No release of product observed. Letter will be sent when he gets it. It will probably be issued within the month. Delay since Gemstar was not paid yet. bf 9/26/08 Received message from Ed Brusher(sp?) regarding status on 9/24/08 at 0836. Returned call today and left message stating that closure letter is needed. bf 10/6/08 On 10/3/08, received fax from John Saia of Gemstar Construction Corp. On 12/7/07, Gemstar replaced manway, tank sump and remote fill. No visual sign of contamination found. bf"

Remarks: "IN TANK TOP-"

All TTF:

Facility ID:	0706511
Spill Number:	0706511
Spill Tank Test:	1764104
Site ID:	387042
Tank Number:	1
Tank Size:	20000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	387042
Operable Unit ID:	1144262
Operable Unit:	01
Material ID:	2134558
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Facility ID:	0901984
Facility Type:	ER
Spill Number:	0901984
DER Facility ID:	363113
Site ID:	414011
DEC Region:	2
Closed Date:	2009-05-26
Spill Cause:	Unknown

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Spill Class:	C4
SWIS:	4301
Spill Date:	2009-05-19
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-05-19
CID:	Not reported
Water Affected:	NEW YORK BAY
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-05-19
Spill Record Last Update:	2009-05-26
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ED BRESCHIA
DEC Memo:	"This sheen is associated with the large spill from yesterday in the area."
Remarks:	"CALLER STATES THAT THERE IS A LARGE SHEEN ON THE WATER. UNK SOURCE."

All Materials:

Site ID:	414011
Operable Unit ID:	1170406
Operable Unit:	01
Material ID:	2162136
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Facility ID:	0910387
Facility Type:	ER
Spill Number:	0910387
DER Facility ID:	363113
Site ID:	423144
DEC Region:	2
Closed Date:	2009-12-21
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	4301
Spill Date:	2009-12-21
Investigator:	jbvought
Referred To:	Not reported
Reported to Dept:	2009-12-21
CID:	Not reported
Water Affected:	Not reported

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-12-21
Spill Record Last Update:	2009-12-21
Spiller Name:	ED BRESCIA
Spiller Company:	STATEN ISLAND DOT
Spiller Address:	1 BAY ST
Spiller Company:	999
Contact Name:	ED BRESCIA
DEC Memo:	"12/21/09-Vought-Duty desk officer. Called NYSDOT Ed Brescia ((718)876-5009) and left message to return call with effects on sewers drains, method of cleanup and whether on soil or concrete. Spill was on concrete and no drains affected and spill was cleaned via speedy dry. Spill on secondary contaiment pallet. Cause of the spill was two pinhole leaks in a 55-gallon drum. Spill closed by Vought."
Remarks:	"LEAKED INTO CONTAINMENT; CLEAN UP COMPLETE"

All Materials:

Site ID:	423144
Operable Unit ID:	1178959
Operable Unit:	01
Material ID:	2172476
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	15.00
Oxygenate:	Not reported

Facility ID:	0910902
Facility Type:	ER
Spill Number:	0910902
DER Facility ID:	372582
Site ID:	423677
DEC Region:	2
Closed Date:	2010-01-19
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	2010-01-08
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2010-01-08
CID:	Not reported
Water Affected:	NEW YORK HARBOR
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-01-08
Spill Record Last Update:	2010-01-19
Spiller Name:	KEVIN BLIGHT
Spiller Company:	STATEN ISLAND FERRY
Spiller Address:	1 BAY ST
Spiller Company:	999
Contact Name:	KEVIN BLIGHT
DEC Memo:	"Cleaned up - spill contained as much as they could."
Remarks:	"cleanup pending - contained with absorbent pads - sheen on water"

All Materials:

Site ID:	423677
Operable Unit ID:	1179484
Operable Unit:	01
Material ID:	2173201
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.50
Units:	G
Recovered:	1.50
Oxygenate:	Not reported

Facility ID:	0410967
Facility Type:	ER
Spill Number:	0410967
DER Facility ID:	247026
Site ID:	336070
DEC Region:	2
Closed Date:	2005-01-11
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	2005-01-08
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	2005-01-08
CID:	38
Water Affected:	UPPER BAY NY HARBOUR
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-01-10
Spill Record Last Update:	2005-01-11
Spiller Name:	KAIN, WILLIAM
Spiller Company:	STATEN ISLAND FERRY TERMI

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Spiller Address: 1 BAY ST
Spiller Company: 001
Contact Name: KAIN, WILLIAM
DEC Memo: ""
Remarks: "2 INCH CARGO HOSE DURING HYDRO TEST FAILED AND SPILLED 15 GALLONS OF DIESEL FUEL. APPROX 7 GALLONS OF FUEL WENT INTO UPPER BAY OF NY HARBOUR. NYC TRANSPORTATION HAS PLACED BOOMS IN THE WATER. REMAINING SPILL WAS ON THE DOCK ALSO BEING CLEANED UP BY NYC TRANSPORTATION ."

All Materials:
Site ID: 336070
Operable Unit ID: 1098118
Operable Unit: 01
Material ID: 578289
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 1100298
Facility Type: ER
Spill Number: 1100298
DER Facility ID: 247026
Site ID: 447695
DEC Region: 2
Closed Date: 2011-04-11
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 4301
Spill Date: 2011-04-08
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2011-04-08
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Not reported
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2011-04-08
Spill Record Last Update: 2011-04-11
Spiller Name: DOUG CALDWELL
Spiller Company: NASDI LLC
Spiller Address: 1600 HARRISON AVE
Spiller Company: 999
Contact Name: DOUG COLWELL
DEC Memo: "04/11/11-Vought-Primary off hours responder. Called Nasdi LLC (Doug Caldwelll Ph:617-293-9810) and spoke to Caldwell and spill on concrete with no sewers or drains affected and spill cleaned using

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

absorbent pads and wipes. Spill closed by Vought as no effect to soil, groundwater or surface water."
Remarks: "Spill was on to concrete platform. Clean up is complete."

All Materials:
Site ID: 447695
Operable Unit ID: 1197903
Operable Unit: 01
Material ID: 2194176
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .50
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Facility ID: 1012418
Facility Type: ER
Spill Number: 1012418
DER Facility ID: 363113
Site ID: 446342
DEC Region: 2
Closed Date: 2011-03-28
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 4301
Spill Date: 2011-03-14
Investigator: smsanges
Referred To: Not reported
Reported to Dept: 2011-03-14
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2011-03-14
Spill Record Last Update: 2011-03-28
Spiller Name: Not reported
Spiller Company: DRILL/DRILL/DRILL - NYC DOT STATEN ISLAND FERRY
Spiller Address: Not reported
Spiller Company: 999
Contact Name: ED BRESCIA - DRILL/DRILL/DRILL
DEC Memo: ""
Remarks: "DRILL-DRILL-DRILL -in containment area of BARGE #5 - cleanup in progress - DRILL-DRILL-DRILL"

All Materials:
Site ID: 446342
Operable Unit ID: 1196700
Operable Unit: 01

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Material ID:	2193024
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1500.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Facility ID:	1007971
Facility Type:	ER
Spill Number:	1007971
DER Facility ID:	247026
Site ID:	441427
DEC Region:	2
Closed Date:	2010-10-29
Spill Cause:	Human Error
Spill Class:	D4
SWIS:	4301
Spill Date:	2010-10-28
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2010-10-28
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-10-28
Spill Record Last Update:	2010-10-29
Spiller Name:	Not reported
Spiller Company:	PETRIC AND ASSOC
Spiller Address:	1162 GREEN POND RD
Spiller Company:	999
Contact Name:	ED BRESCIA
DEC Memo:	"DEC Piper spoke with contact Ed. Small spill to pavement from dumpster. Contractor put pail in dumpster and eventually spilled. Cleanup complete. Closed."
Remarks:	"Punture caused release onto pavement -clean up complete."

All Materials:

Site ID:	441427
Operable Unit ID:	1191989
Operable Unit:	01
Material ID:	2187207
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.50
Units:	G

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Recovered:	3.50
Oxygenate:	Not reported
Facility ID:	0607167
Facility Type:	ER
Spill Number:	0607167
DER Facility ID:	247026
Site ID:	370684
DEC Region:	2
Closed Date:	2006-12-13
Spill Cause:	Unknown
Spill Class:	B4
SWIS:	4301
Spill Date:	2006-09-22
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	2006-09-22
CID:	77
Water Affected:	UPPER BAY OF NY HARB
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-09-22
Spill Record Last Update:	2006-12-13
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	BILL KAIN
DEC Memo:	"0615 DEC Piper off hours responder. Piper spoke w/ Bill Kain at NYCT, Staten Is. Ferry. As per conversation, a sheen is observed in the water though it is still dark. Bill to call back upon sunrise. Coast Guard has been notified. 0700 Received call from Bill at NYCT, there is a slick in the water. Piper contacted USCG, to inform them of update. DEC Piper spoke w/ USCG Pollution Response, they have no update. Piper obtained cellphone of P.O. on scene. 0730 DEC Piper spoke w/P.O. Tom (first name), as per Tom there is a large sheen w/ diesel odor extending from inside Verrazano to Bayonne. A small patch of emulsified diesel was observed. Non recoverable. NY shorelines have not been impacted. CG to assess spill by boat and will callback w/ update. 0830 DEC Piper contacted Bill to obtain status at Ferry Terminal. Bill will call back. 0850 DEC Piper soke w/ Bill, there is a blueish sheen in terminal waters. No floating product observed. non recoverable. 0915 DEC Piper left message for USCG P.O. Tom for update. 0925 DEC Piper received e-mail from DEC Austin. Forwarded Message from USCG Lt.Cmdr. Hermes- Sanchez states This morning at approximately 6:00 am Sector New York received several > reports from Mariners as well as the NRC reporting fuel oil in the > water from north of the VZ Bridge to east of the Bayonne Bridge. > > Sector New York is currently investigating the source and responding > to this information. A CG team has reported a heavy rainbow sheen > with no

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

recoverable product in the vicinity of Bayonne Bridge on the > New Jersey side. A NYPD overflight has uncovered that the fuel oil > may have entered Newark Bay. A CG Auxiliary Flight is scheduled to > evaluate for the area. > > Based on the available information, Ken's Marine and Miller's > Environmental Group are currently on stand-by for booming operations > of sensitive areas. 0945 DEC Piper contact USCG Pollution Response. As per them, a Vessel Theo T transferred 100K barrels of Diesel this morning to barge DV105 . Samples are being collected from water, vessel and barge to determine if they are responsible party. Sheen extends from Verrazano Br. to Newark Bay. USCG overflight not completed. USCG to contact DEC if recoverable amount of product is observed. 1100 DEC Piper spoke w/ USCG TOM, as per conversation, sheen is light. No cleanup is possible. Samples will be sewnt to lab and update will be given upon results next week. Case will remain open. 12/12/06- DECP iper spoke w/ USCG. The sample was not a match for the barge. This case is closed. "

Remarks: "unkn oil slick noticed. not believed to be coming from nyc dot facility. coming from up stream."

All Materials:

Site ID:	370684
Operable Unit ID:	1128471
Operable Unit:	01
Material ID:	2118088
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	1109367
Facility Type:	ER
Spill Number:	1109367
DER Facility ID:	363113
Site ID:	457136
DEC Region:	2
Closed Date:	2011-10-31
Spill Cause:	Other
Spill Class:	D5
SWIS:	4301
Spill Date:	2011-10-26
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2011-10-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Vessel
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Date Entered In Computer:	2011-10-26
Spill Record Last Update:	2011-10-31
Spiller Name:	ED BRESCIA
Spiller Company:	LONG ISLAND FERRY
Spiller Address:	1 BAY ST
Spiller Company:	999
Contact Name:	ED BRESCIA
DEC Memo:	""
Remarks:	"Test number for a drill."

All Materials:

Site ID:	457136
Operable Unit ID:	1207265
Operable Unit:	01
Material ID:	2204502
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Facility ID:	1204207
Facility Type:	ER
Spill Number:	1204207
DER Facility ID:	247026
Site ID:	467082
DEC Region:	2
Closed Date:	2012-07-30
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	2012-07-28
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2012-07-28
CID:	Not reported
Water Affected:	NEW YORK HARBOR
Spill Source:	Passenger Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-07-28
Spill Record Last Update:	2012-07-30
Spiller Name:	ED BRESCIA
Spiller Company:	STATEN ISLAND FERRY
Spiller Address:	1 BAY STREET
Spiller Company:	999
Contact Name:	ED BRESCIA
DEC Memo:	"Notified USCG. Spoke with Ed Brescia, he indicated that the low level alarm on the diesel tank went off due to mehanical failure,they

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

believe.There was no actual evidence if release on the water.Case closed.(sr)"
Remarks: "No visable sheen. USCG Enroute. Nothing to clean up."

All Materials:
Site ID: 467082
Operable Unit ID: 1217046
Operable Unit: 01
Material ID: 2215302
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

Facility ID: 1700764
Facility Type: ER
Spill Number: 1700764
DER Facility ID: 363113
Site ID: 545787
DEC Region: 2
Closed Date: 2017-04-25
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 4301
Spill Date: 2017-04-25
Investigator: RJFENG
Referred To: Not reported
Reported to Dept: 2017-04-25
CID: Not reported
Water Affected: UPPER NY BAY
Spill Source: Vessel
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2017-04-25
Spill Record Last Update: 2017-04-25
Spiller Name: Not reported
Spiller Company: NYC DOT STATEN ISLAND FERRY
Spiller Address: Not reported
Spiller Company: 999
Contact Name: ED
DEC Memo: "4/25/2017 - Feng - Duty Desk. The spill report stated it is a drill. Called Ed of NYCDOT 212-839-3477 to confirm. Left a message. call from Ed Brusha of NYCDOT and confirmed that's a drill. Spill is closed."
Remarks: "DRILL DRILL DRILL/boom deployment underway/source has been shut down"
Not reported

All Materials:

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Site ID:	545787
Operable Unit ID:	1293946
Operable Unit:	01
Material ID:	2299924
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Click this hyperlink while viewing on your computer to access
6 additional NY SPILL: record(s) in the EDR Site Report.

SPDES:

Permit Number:	NYR00F801
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4482
State Water Body Name:	UPPER NEW YORK BAY
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.644 / -74.073
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY085
Non-Gov Permit Affiliation Type Desc:	Billing
Non-Gov Permit Org Formal Name:	NYC DEPARTMENT OF TRANSPORTATION
Non-Gov Permit Street Address:	ST. GEORGE FERRY TERMINAL FMF
Non-Gov Permit Supplemental Location:	1 BAY ST
Non-Gov Permit City:	STATEN ISLAND
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10301
Non-Gov Facility Affiliation Type Desc:	Not reported
Non-Gov Facility Org Formal Name:	Not reported
Non-Gov Facility Street Address:	Not reported
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	Not reported
Non-Gov Facility State Code:	Not reported
Non-Gov Facility Zip Code:	Not reported
State Water Body:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY085
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	NYC DEPARTMENT OF TRANSPORTATION

STATEN ISLAND FERRY FUEL PIER (Continued) **S109582997**

Non-Gov Permit Street Address:	ST. GEORGE FERRY TERMINAL FMF
Non-Gov Permit Supplemental Location:	1 BAY ST
Non-Gov Permit City:	STATEN ISLAND
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10041
Non-Gov Facility Affiliation Type Desc:	Not reported
Non-Gov Facility Org Formal Name:	Not reported
Non-Gov Facility Street Address:	Not reported
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	Not reported
Non-Gov Facility State Code:	Not reported
Non-Gov Facility Zip Code:	Not reported
State Water Body:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY085
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	NYC DOT FERRY DIVISION
Non-Gov Permit Street Address:	55 WATER ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	NEW YORK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10041
Non-Gov Facility Affiliation Type Desc:	Not reported
Non-Gov Facility Org Formal Name:	Not reported
Non-Gov Facility Street Address:	Not reported
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	Not reported
Non-Gov Facility State Code:	Not reported
Non-Gov Facility Zip Code:	Not reported
State Water Body:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY085
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Not reported
Non-Gov Facility Org Formal Name:	Not reported
Non-Gov Facility Street Address:	Not reported
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	Not reported
Non-Gov Facility State Code:	Not reported
Non-Gov Facility Zip Code:	Not reported
State Water Body:	Not reported

93
WNW
1/4-1/2
0.298 mi.
1576 ft.

APARTMENT
350 RICHMOND TERRACE
STATEN ISLAND, NY 10301

NY LTANKS

U000406690
N/A

Relative:
Lower

Actual:
17 ft.

LTANKS:

Facility ID:	0505019
Site ID:	349967
Closed Date:	2005-10-17
Spill Number:	0505019
Spill Date:	2005-07-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2005-07-26
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-07-26
Spill Record Last Update:	2005-10-17
Spiller Name:	ANGEL
Spiller Company:	APARTMENT
Spiller Address:	322 CENTRAL PARK WEST
Spiller County:	001
Spiller Contact:	ANGEL
Spiller Phone:	(718) 367-9800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	9113
DEC Memo:	"TTF letter sent to Ronald Selznick Arco Mgt 1655 Richmond Ave S.I., N.Y. 10314 Phone # (718) 761-2222 PBS# 2-240648 9/14/2005. J.Krimgold reviewed a letter report submitted by Controled Combustion, Inc. According to the report, the top of the tank was excavated to expose the connections for further testing. It was discovered at that time that the topof the tank was deteriorated and had holes in the steel shell. The were no visible evidance of any oil on or around the tank. This tank will be closed in-place and a new 8000 gal tank installed. Results of subsurface investigation will be submitted to the Department. 10/17/05. J.Krimgold reviewed the letter report submitted by Miller Environ. dated Sept. 21, 2005. They performed subsurface investig and found the contaminants levels below or marginaly above TAGM levels. NFA. "
Remarks:	""

All TTF:

Facility ID:	0505019
Spill Number:	0505019
Spill Tank Test:	1549122
Site ID:	349967
Tank Number:	1

APARTMENT (Continued) **U000406690**

Tank Size: 15000
Material: 0003
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified Date: Not reported

All Materials:
Site ID: 349967
Operable Unit ID: 1107553
Operable Unit: 01
Material ID: 2097440
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

94
West
1/4-1/2
0.313 mi.
1653 ft.

19-17 ST.MARKS PLACE **NY LTANKS** **S104276895**
19-17 ST. MARKS PLACE **N/A**
STATEN ISLAND, NY

Relative:
Higher

Actual:
68 ft.

LTANKS:
Facility ID: 9614143
Site ID: 304871
Closed Date: 2004-10-05
Spill Number: 9614143
Spill Date: 1997-03-05
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 4301
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 1997-03-05
CID: 205
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1997-03-05

19-17 ST.MARKS PLACE (Continued) **S104276895**

Spill Record Last Update:	2004-10-05
Spiller Name:	Not reported
Spiller Company:	19-17 ST.MARKS PLACE
Spiller Address:	19-17 ST.MARKS PLACE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	246266
DEC Memo:	"10/5/2004 Sangesland reviewed a package of information submitted by property owner Robert Hayes. This information included the closing out (abandonment) of a buried tank (approx 1000 gal). In April 1997, Tyree Environmental ran a soil boring (geoprobe) along side the tank. Results from this testing showed no VOC or SVOC contamination. Spill Case Closed"
Remarks:	"TANK FAILED TEST."

All TTF:

Facility ID:	9614143
Spill Number:	9614143
Spill Tank Test:	1545007
Site ID:	304871
Tank Number:	1
Tank Size:	1000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	304871
Operable Unit ID:	1045579
Operable Unit:	01
Material ID:	339255
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

95 ESE 1/4-1/2 0.316 mi. 1669 ft. | **1 RICHMOND TERRACE**
1 RICHMOND TERRACE
STATEN ISLAND, NY | **NY LTANKS**
NY Spills | **S104502810**
N/A

Relative: Lower

Actual: 2 ft.

LTANKS:

Facility ID:	9511154
Site ID:	206646
Closed Date:	1995-12-05
Spill Number:	9511154
Spill Date:	1995-12-05
Spill Cause:	Tank Overfill
Spill Source:	Vessel
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1995-12-05
CID:	266
Water Affected:	NEW YORK HARBOUR
Spill Notifier:	Federal Government
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-12-05
Spill Record Last Update:	1995-12-06
Spiller Name:	CHARLES NOTO
Spiller Company:	STATEN ISLAND FERRY TERMI
Spiller Address:	1 RICHMOND TERRACE
Spiller County:	001
Spiller Contact:	CHARLES NOTO
Spiller Phone:	(718) 390-5255
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	171546
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"TANK OVERFILL. 1 GALLON ONTO DECK OF SHIP, 1 GALLON INTO WATER. CONTRACTOR ON SCENE CLEANING UP SPILL."

All Materials:

Site ID:	206646
Operable Unit ID:	1025456
Operable Unit:	01
Material ID:	358505
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

1 RICHMOND TERRACE (Continued) **S104502810**

SPILLS:

Facility ID:	9613646
Facility Type:	ER
Spill Number:	9613646
DER Facility ID:	171546
Site ID:	328576
DEC Region:	2
Closed Date:	1997-02-20
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	1997-02-20
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1997-02-20
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-02-20
Spill Record Last Update:	2002-12-13
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	BILL KAIN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG SPOKE TO CHARLES CAVALO OF ST. GEORGE FERRY, HE SAID IT WAS ONLY A MINOR SPILL FROM A PUMP THAT WAS CAUGHT BY A DRIP PAN. ALL CLEANED UP AND WILL BE REPAIRED."
Remarks:	"ABANDONED FUEL STATION FOR THE STATIN ISLAND FERRY - CASING ON PUMP CRACKED CAUSING APPROX 2 GAL OF MATERAL TO LEAK OUT - THEY WERE ABLE TO RECOVER 1 GAL - NO WATER EFFECTED ONLY LAND "

All Materials:

Site ID:	328576
Operable Unit ID:	1045061
Operable Unit:	01
Material ID:	338751
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Facility ID:	9701294
Facility Type:	ER

1 RICHMOND TERRACE (Continued) **S104502810**

Spill Number:	9701294
DER Facility ID:	171546
Site ID:	328577
DEC Region:	2
Closed Date:	1997-04-29
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	4301
Spill Date:	1997-04-29
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1997-04-29
CID:	297
Water Affected:	Not reported
Spill Source:	Vessel
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-29
Spill Record Last Update:	1997-04-30
Spiller Name:	BILL KAIN
Spiller Company:	STATEN ISLAND FERRY
Spiller Address:	1 RICHMOND TERR
Spiller Company:	001
Contact Name:	BILL KAIN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG CALLED USCG, CONFIRMED THAT NO RELEASE IN THE WATER. SPILL WAS CLEANED UP ON DECK."
Remarks:	"FUEL OIL CAME OUT OF THE VENT WHILE FILLING THE FERRY - FUEL SPILLED ONTO THE FERRY'S DECK AND IT WAS CLEANED UP WITH ABSORBANTS"

All Materials:

Site ID:	328577
Operable Unit ID:	1043927
Operable Unit:	01
Material ID:	337851
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	20.00
Oxygenate:	Not reported

Facility ID:	9503012
Facility Type:	ER
Spill Number:	9503012
DER Facility ID:	171546
Site ID:	206645
DEC Region:	2
Closed Date:	1995-06-09
Spill Cause:	Human Error

1 RICHMOND TERRACE (Continued) **S104502810**

Spill Class:	C3
SWIS:	4301
Spill Date:	1995-06-09
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1995-06-09
CID:	Not reported
Water Affected:	EAST RIVER
Spill Source:	Vessel
Spill Notifier:	Federal Government
Cleanup Ceased:	1995-06-09
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-06-20
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	STATEN ISLAND FERRY
Spiller Address:	SAME
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD "
Remarks:	"APPROXIMATELY 1 PINT SPILLED DOING FUELING OPS"

All Materials:

Site ID:	206645
Operable Unit ID:	1017598
Operable Unit:	01
Material ID:	368063
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9405756
Facility Type:	ER
Spill Number:	9405756
DER Facility ID:	171546
Site ID:	212196
DEC Region:	2
Closed Date:	1995-07-06
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	4301
Spill Date:	1994-07-27
Investigator:	ADZHITOM
Referred To:	Not reported
Reported to Dept:	1994-07-28
CID:	Not reported
Water Affected:	0

1 RICHMOND TERRACE (Continued) **S104502810**

Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	1995-07-06
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-18
Spill Record Last Update:	1995-06-07
Spiller Name:	Not reported
Spiller Company:	NYC TRANSIT AUTHORITY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY "
Remarks:	"BUS CHANGING OIL-CLEANED WITH SPEEDY DRY."

All Materials:

Site ID:	212196
Operable Unit ID:	1002960
Operable Unit:	01
Material ID:	382339
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

R96 **UNDERGROUND - TTF** **NY LTANKS** **S116555806**
South **157 DANIEL LOW TERRACE** **N/A**
1/4-1/2 **STATEN ISLAND, NY**
0.321 mi.
1697 ft. **Site 1 of 2 in cluster R**

Relative: **Higher**
Actual: **98 ft.**

LTANKS:

Facility ID:	1401301
Site ID:	494577
Closed Date:	2017-07-12
Spill Number:	1401301
Spill Date:	2014-05-07
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2014-05-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

UNDERGROUND - TTF (Continued) **S116555806**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2014-05-07
Spill Record Last Update:	2017-07-12
Spiller Name:	JP PESNAKIS
Spiller Company:	UNKNOWN
Spiller Address:	157 DANIELLOW TERRACE
Spiller County:	999
Spiller Contact:	JP PESNAKIS
Spiller Phone:	(718) 447-2340
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	449500
DEC Memo:	"repairs and retest scheduled next week. results to be sent to DEC DEMeo 7/11/17 TJD Teleconference with Mark Salamack at Mercury Pump and Tank. Requesting documentation for closure. Original notifier, Petroleum Tank Cleaners, is no longer in business. Mark will search records and provide available documentation. 7/12/17 TJD Multiple phone calls and a records review reveal that there were duplicate spill reported at this location. All required remedial action was managed under Spill #1503780. Cross-reference has been added to duplicate spill. No further action is required. Spill closed. "
Remarks:	"clean up pending -"

All Materials:

Site ID:	494577
Operable Unit ID:	1244093
Operable Unit:	01
Material ID:	2244850
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

R97 **157 DANIEL LOW TERRACE - TTF** **NY LTANKS** **S104619559**
South **157 DANIEL LOW TERRACE** **N/A**
1/4-1/2 **STATEN ISLAND, NY**
0.321 mi.
1697 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
98 ft.

LTANKS:

Facility ID:	9803245
Site ID:	265188
Closed Date:	2014-11-28
Spill Number:	9803245
Spill Date:	1998-06-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4301

157 DANIEL LOW TERRACE - TTF (Continued) **S104619559**

Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	1998-06-12
CID:	252
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-06-12
Spill Record Last Update:	2014-11-28
Spiller Name:	MR WAYLAND
Spiller Company:	Not reported
Spiller Address:	157 DANIEL LOW TERRACE
Spiller County:	999
Spiller Contact:	MR WAYLAND
Spiller Phone:	(718) 967-3668
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	216086
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN 06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang. 9/22/10 Transferred to b. falvey. 8/17/12 Spill re-assigned to T. Demeo as per RSE. bf 10/10/14-Hiralkumar Patel. reviewed available information for DEC DeMeo. alternate address: none PBS #: 2-245135. as per PBS record, the site has one (1) 2,000 gal #2 oil UST, in-service, installed in Apr. 1920. PBS registration expired on 07/07/2012. other spill # 9110989 was reported on 01/23/1992 due to 10 gal #2 oil spill. case closed. the subject spill was reported on 06/12/1998. as per PBS application dated 09/20/2002, the tank system was tested tight on 09/14/1999. Island Investing Part **property owner as per property tax bill** 301 Hillside Terrace Staten Island, NY 10308-3410 11/28/14 TJD File review. Based upon available documentation no DEC follow-up actions were taken following initial spill report. The tank owner stated on PBS renewal application that the tank system passed a tightness test on 9/19/99. No further documentation available. Business records are required to be maintained for a period of 7 years. Spill file is administratively closed as report is more than 15 years old."
Remarks:	"WILL RECOMMED TO OWNER TO DO A TANK ONLY TEST TO DETERMINE IF IT IS THE TANK OR LINES WHICH HAVE CAUSED THE PROBLEM."

All TTF:

Facility ID:	9803245
Spill Number:	9803245
Spill Tank Test:	1545985
Site ID:	265188
Tank Number:	1
Tank Size:	2000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II

157 DANIEL LOW TERRACE - TTF (Continued) **S104619559**

Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 265188
Operable Unit ID: 1061206
Operable Unit: 01
Material ID: 321559
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

98
SE
1/4-1/2
0.351 mi.
1853 ft.

5 BAY STREET **NY VCP** **S118943548**
5 BAY STREET **N/A**
NEW YORK CITY, NY

Relative:
Lower

Actual:
17 ft.

VCP NYC:
Project ID: 15CVCP162R
Project Name: 5 BAY STREET
Project Address: 5 BAY STREET
Borough: STATEN ISLAND

VCP NYC:
Project ID: 15CVCP162R
File Name: 2015-11-12.RIR
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2015-11-12.15CVCP162R.report.5-Bay_Street.RIR.pdf

Project ID: 15CVCP162R
File Name: 2015-11-17.RAWP_Draft
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2015-11-17.15CVCP162R.report.5-Bay_Street.RAWP_Draft .pdf

Project ID: 15CVCP162R
File Name: 2015-11-18.FactSheet-1
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2015-11-18.15CVCP162R.doc.5-Bay_Street.Factsheet-1.p df

Project ID: 15CVCP162R
File Name: 2015-11-18.Translated_FactSheet-1
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2015-11-18.15CVCP162R.doc.5-Bay_Street.Translated_Fa ctSheet-1.pdf

Project ID: 15CVCP162R
File Name: 2015-11-18.Translated_CPS

5 BAY STREET (Continued) **S118943548**

URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2015-11-18.15CVCP162R.doc.5-Bay_Street.Translated_Community_Protection_Statement.pdf

Project ID: 15CVCP162R
File Name: 2016-03-09.Stipulation_List
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2016-03-09.15CVCP162R.report.Stipulation_List.pdf

Project ID: 15CVCP162R
File Name: 2016-03-11.Decision_Document
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2016-03-11.15CVCP162R.Decision_Document_OER.pdf

Project ID: 15CVCP162R
File Name: 2016-03-11.FactSheet-2
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2016-03-11.15CVCP162R.doc.5-Bay_Street.Factsheet-2.pdf

Project ID: 15CVCP162R
File Name: 2016-03-11.Translated_FactSheet-2
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Staten Island/15CVCP162R/2016-03-11.15CVCP162R.doc.5-Bay_Street.Translated_FactSheet-2.pdf

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S99 **#2-322687** **NY LTANKS** **S118953584**
SSE **60 BAY ST** **N/A**
1/4-1/2 **STATEN ISLAND, NY**
0.355 mi.
1875 ft. **Site 1 of 2 in cluster S**

Relative: **Higher**
Actual: **60 ft.**

LTANKS:

Facility ID:	1607796
Site ID:	535472
Closed Date:	2017-05-25
Spill Number:	1607796
Spill Date:	2016-11-09
Spill Cause:	Tank Test Failure
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2016-11-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2016-11-09
Spill Record Last Update:	2017-05-25
Spiller Name:	Not reported

#2-322687 (Continued) **S118953584**

Spiller Company:	MUSS DEVELOPMENT
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	CHRIS HALL
Spiller Phone:	(410) 610-0054
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	183860
DEC Memo:	"11/09/16-Hiralkumar Patel. 5:36 PM:- spoke with Chris. he mentioned that #2 oil tank failed in dry portion possibly due to vent line. he will call back tomorrow with schedule for isolation test. Christopher Hall PH. (410) 610-0054 email: chrishall@tanknology.com 11/10/16-Hiralkumar Patel. alternate address: 58-60 Bay St, 55 Central Ave PBS #: 2-322687. as per PBS record, the site has one (1) 7,500 gal #2 oil UST, in-service, installed in Nov. 1970. 3:04 PM:- left message for Chris. 3:10 PM:- left message for Mr. Lefberg. Allied 60 Bay Street LLC. **property owner** 60 Bay Street Staten Island, NY 10301 Attn.: Wayne Lefberg **property manager** Ph. (718) 273-5354 email: waynel@muss.com 3:26 PM:- sent TTF to Mr. Lefberg requiring submission of report by the end of 12/16/16. letter emailed to Mr. Lefberg, Chris and DEC DeMeo. 3:28 PM:- received call from Chris. he has scheduled isolation test on 11/15/16. case assigned to DEC DeMeo. 11/14/16-Hiralkumar Patel. 9:20 AM:- received call from Mr. Lefberg. informed him about requirements. Mr. Lefberg provided his correct email address. 9:23 AM:- resent letter to Mr. Lefberg at correct email address. 12/1/16 TJD Teleconference with Mr. Lefberg - he called to request a time extension to complete repairs and retesting of UST. A helium test has been performed identifying the vent line as the possible cause of initial test failure. Mr. Lefberg states as part of a refinance deal last year some borings were advanced in the area of the UST causing damage to vent pipe. Franklin Companies has been retained to uncover vent pipe, repair and retest. Work to be completed by 12/31/16 followed by submission of required documentation. 12/20/16-Hiralkumar Patel. 9:40 AM:- received call from William Klein from The Franklin Company. he stated that due to holidays, they are having trouble getting sidewalk closure permit. Bill requested copy of DEC letter. 9:44 AM:- sent email to Bill including DEC letter dated 11/10/16. email copied to Mr. Lefberg. 5/25/17 TJD File review. Franklin Company performed the testing and repairs on tank system. Vent line was determined to be cause of initial failure. Vent was replaced and system passed retest. No discharge to the environment. All documentation has been uploaded to DECDOCS. Spill closed."
Remarks:	""

All Materials:

Site ID:	535472
Operable Unit ID:	1284159
Operable Unit:	01
Material ID:	2289651
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

S100 **ALLIED 60 BAY STREET LLC** **NY LTANKS** **U001836885**
SSE **60 BAY STREET** **NY UST** **N/A**
1/4-1/2 **STATEN ISLAND, NY 10301** **NY Spills**
0.355 mi.
1875 ft. **Site 2 of 2 in cluster S**

Relative:
Higher

Actual:
60 ft.

LTANKS:

Facility ID:	0203233
Site ID:	222366
Closed Date:	2004-07-27
Spill Number:	0203233
Spill Date:	2002-06-26
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2002-06-26
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-06-26
Spill Record Last Update:	2004-07-27
Spiller Name:	OWNER
Spiller Company:	MUSS DEVELOPMENT
Spiller Address:	60 BAY ST
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	183860
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 1/6/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 7/21/04 - Sawyer - Called Phil Ryan at Tanknowlogy and he is going to find documentation on spill cleanup. Phil Ryan 413 733 797. He has given me passed tank test from 9/15/03. I need to talk to some one at Muss Development (718)761 8008 to get documentation of work, because we do not have it on file. 7/27/04 - Sawyer - Received repair documentation from Wanye at Muss Development. Dou Plumbing and Heating repared the vent lines and the tank passed. Closed. "
Remarks:	""

All Materials:

Site ID:	222366
Operable Unit ID:	856190
Operable Unit:	01
Material ID:	521060
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

ALLIED 60 BAY STREET LLC (Continued) **U001836885**

Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

UST:
Id/Status: 2-322687 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 08/28/2022
UTM X: 578153.95344
UTM Y: 4499246.79660
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 15047
Affiliation Type: Facility Owner
Company Name: 60 BAY STREET LLC
Contact Type: MANAGING AGENT / SR VP
Contact Name: RONALD S. ZECCARDI
Address1: 118-35 QUEENS BOULEVARD
Address2: Not reported
City: FOREST HILLS
State: NY
Zip Code: 11375
Country Code: 001
Phone: (718) 263-3800
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-09-26

Site Id: 15047
Affiliation Type: Facility Operator
Company Name: 60 BAY ST
Contact Type: Not reported
Contact Name: WAYNE LEFBERG
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 273-5354
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 15047
Affiliation Type: Emergency Contact
Company Name: 60 BAY STREET LLC
Contact Type: Not reported
Contact Name: WAYNE LEFBERG
Address1: Not reported

ALLIED 60 BAY STREET LLC (Continued) **U001836885**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 614-8132
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2007-06-25

Site Id:	15047
Affiliation Type:	Mail Contact
Company Name:	60 BAY STREET LLC
Contact Type:	Not reported
Contact Name:	KEN KONFONG
Address1:	118-35 QUEENS BOULEVARD
Address2:	Not reported
City:	FOREST HILLS
State:	NY
Zip Code:	11375
Country Code:	001
Phone:	(718) 263-3800
EMail:	KKONFONG@MUSS.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2012-08-30

Tank Info:

Tank Number:	001
Tank ID:	19980
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	7500
Install Date:	11/01/1970
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	14
Date Test:	05/14/2013
Next Test Date:	10/11/2016
Pipe Model:	Not reported
Modified By:	DMPOKRZY
Last Modified:	09/26/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

ALLIED 60 BAY STREET LLC (Continued) **U001836885**

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None

SPILLS:

Facility ID:	0709778
Facility Type:	ER
Spill Number:	0709778
DER Facility ID:	340535
Site ID:	390914
DEC Region:	2
Closed Date:	2008-02-20
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	2007-12-11
Investigator:	gdbreen
Referred To:	Not reported
Reported to Dept:	2007-12-11
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-12-11
Spill Record Last Update:	2008-02-20
Spiller Name:	ERTSDESK
Spiller Company:	CON EDISON TS#7293
Spiller Address:	60 BAY STREET
Spiller Company:	999
Contact Name:	ERTSDESK
DEC Memo:	"02/20/08 - See eDocs for Con Ed report detailing cleanup and closure. 209106. see eDocs"
Remarks:	"NO TO 5 QUESTIONS: CLEAN UP IN PROGRESS. 209106"

All Materials:

Site ID:	390914
Operable Unit ID:	1148000
Operable Unit:	01
Material ID:	2138481
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9713889
Facility Type:	ER
Spill Number:	9713889

ALLIED 60 BAY STREET LLC (Continued) **U001836885**

DER Facility ID:	183860
Site ID:	222367
DEC Region:	2
Closed Date:	1998-03-26
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	4301
Spill Date:	1998-03-16
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1998-03-16
CID:	351
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-16
Spill Record Last Update:	1998-03-26
Spiller Name:	STEVEN ROMERO
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	STEVEN ROMERO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL 3/16/98 - Con Ed (Glenn Newell) responded to site. Leak in transformer in vault. Direct sewer connection to plant - no catch basins affected."
Remarks:	"TRANSFORMER LEAK CAUSED SPILL"

All Materials:

Site ID:	222367
Operable Unit ID:	1056736
Operable Unit:	01
Material ID:	324881
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

101 West 1/4-1/2 0.415 mi. 2191 ft. | **RICHMOND TERRACE HOUSES**
61 JERSEY STREET
STATEN ISLAND, NY 10301 | **NY LTANKS**
NY UST | **U000410716**
N/A

Relative: Higher

Actual: 37 ft.

LTANKS:

Facility ID:	9414109
Site ID:	133267
Closed Date:	2005-11-07
Spill Number:	9414109
Spill Date:	1995-01-24
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1995-01-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-02-02
Spill Record Last Update:	2005-11-07
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159556
DEC Memo:	"11/07/05: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #0104193."
Remarks:	"TANK TEST FAILURE-WOULD NOT MAINTAIN LEVEL"

All TTF:

Facility ID:	9414109
Spill Number:	9414109
Spill Tank Test:	1543563
Site ID:	133267
Tank Number:	002
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills

RICHMOND TERRACE HOUSES (Continued) **U000410716**

Last Modified Date: Not reported

All Materials:

Site ID:	133267
Operable Unit ID:	1007697
Operable Unit:	01
Material ID:	372863
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	0104193
Site ID:	191294
Closed Date:	2015-12-30
Spill Number:	0104193
Spill Date:	2001-07-19
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	2001-07-19
CID:	323
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-07-19
Spill Record Last Update:	2015-12-30
Spiller Name:	AKIN JOHNSON
Spiller Company:	RICHMOND TERRACE
Spiller Address:	121 JERSEY ST
Spiller County:	001
Spiller Contact:	AKIN JOHNSON
Spiller Phone:	(718) 442-5400
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159556
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 01/26/04 Transferred from Rommel to Austin 02/17/04: Reassigned from AUSTIN to KRIMGOLD. 11/07/05: This spill transferred from J.Kolleeny to S.Kraszewski. 12/27/05: Three tank test failures in 1994 and tanks removed in 2001. No tank closure assessment performed to date. - SK 01/27/06: This spill transferred from S.Kraszewaski to Q.Abidi. 03/31/06; This spill transferred from Q. Abidi to Koon Tang. 7/6/09: J.Kann - spill transferred to J.Kann.

RICHMOND TERRACE HOUSES (Continued) **U000410716**

Schedule D indicates work plan due 12/2011. 07/18/12 - J.Kann - IWP received on 7/16/12. 9/23/15: J.Kann - reviewed limited info in site file and the IWP. Comments sent to NYCHA today and SIR is due on March 23, 2016. 12/22/15: J.Kann - found the tank closure report in the file and it's under review. 12/30/15: J.Kann - reviewed UST closure report prepared by PT&L Contracting Corporation and dated March 21, 2001. The report includes a summary of work performed, results of endpoint sampling and waste manifests. A total of 350 cy of soil were removed from the site. 8 endpoints samples were collected and analyzed for VOCs and SVOCs. All constituents were below CP-51 with the exception of benzene at 297ppb in one location (CP-51 guidance of 260ppb). Given the endpoints were below CP-51 with the exception of one constituent and the tanks were removed along with contaminated soils over 14 years ago, the spill was closed."

Remarks: "POSS LINE OR TANK FAILURE DURING TANK REMOVAL, CONTAMINATED SOIL DISCOVERED."

All Materials:

Site ID:	191294
Operable Unit ID:	840820
Operable Unit:	01
Material ID:	532692
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	191294
Operable Unit ID:	840820
Operable Unit:	01
Material ID:	532691
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9413984
Site ID:	288096
Closed Date:	1995-04-27
Spill Number:	9413984
Spill Date:	1995-01-20
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	1995-04-27
SWIS:	4301
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	1995-01-20

RICHMOND TERRACE HOUSES (Continued) **U000410716**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-01-23
Spill Record Last Update:	2005-11-07
Spiller Name:	Not reported
Spiller Company:	NYC HOUISNG AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159556
DEC Memo:	""
Remarks:	"LEAK IN MANHOLE COVER-TEST STOPPED. SEE SPILL # 9415409"

All TTF:

Facility ID:	9413984
Spill Number:	9413984
Spill Tank Test:	1543552
Site ID:	288096
Tank Number:	001
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	288096
Operable Unit ID:	1011454
Operable Unit:	01
Material ID:	372732
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9415409

RICHMOND TERRACE HOUSES (Continued) **U000410716**

Site ID:	288097
Closed Date:	2005-11-07
Spill Number:	9415409
Spill Date:	1995-02-24
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	1995-02-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-02-24
Spill Record Last Update:	2005-11-07
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159556
DEC Memo:	"11/07/05: This spill transferred from J.Kolleeny to S.Kraszewski. This spill closed to consolidate with open spill #0104193."
Remarks:	"TANK TEST FAILURE-UNABLE TO MAINTAIN LEVEL"

All TTF:

Facility ID:	9415409
Spill Number:	9415409
Spill Tank Test:	1543636
Site ID:	288097
Tank Number:	001
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	288097
Operable Unit ID:	1012709

RICHMOND TERRACE HOUSES (Continued) **U000410716**

Operable Unit: 01
Material ID: 370584
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

UST:
Id/Status: 2-474010 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 03/28/2019
UTM X: 577065.72076
UTM Y: 4499851.37196
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 20873
Affiliation Type: Facility Operator
Company Name: RICHMOND TERRACE HOUSES
Contact Type: Not reported
Contact Name: FUEL OIL REMEDIATION UNIT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 707-5725
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-02-24

Site Id: 20873
Affiliation Type: Mail Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: FUEL OIL REMEDIATION COORDINATOR
Address1: 23-02 49TH AVENUE
Address2: TECH SERVS DEPT - 5TH FLOOR
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5725
EMail: YELENA.TKACH@NYCHA.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-08-14

RICHMOND TERRACE HOUSES (Continued) **U000410716**

Site Id:	20873
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICES DEPARTMENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	2011-09-30

Site Id:	20873
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	\\
Contact Name:	Not reported
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5806
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-01-17

Tank Info:

Tank Number:	1
Tank ID:	61673
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	15000
Install Date:	08/01/2001
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	E
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

RICHMOND TERRACE HOUSES (Continued) **U000410716**

H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
F05 - Pipe External Protection - Jacketed
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B09 - Tank External Protection - Urethane
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double walled UG

Tank Number:	OLD 1
Tank ID:	37583
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	20000
Install Date:	05/01/2001
Date Tank Closed:	05/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None

Tank Number:	OLD 2
Tank ID:	37584
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	20000
Install Date:	05/01/2001
Date Tank Closed:	05/01/2001
Registered:	True
Tank Location:	Underground

RICHMOND TERRACE HOUSES (Continued) **U000410716**

Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None

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102 **CHURCH** **NY LTANKS** **S105994889**
WSW **109 YORK AVE** **N/A**
1/4-1/2 **STATEN ISLAND, NY**
0.419 mi.
2214 ft.

Relative:
Higher

Actual:
84 ft.

LTANKS:

Facility ID:	0109824
Site ID:	147990
Closed Date:	2005-11-25
Spill Number:	0109824
Spill Date:	2002-01-09
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	JXGRECO
Referred To:	Not reported
Reported to Dept:	2002-01-10
CID:	233
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-01-10
Spill Record Last Update:	2005-11-25
Spiller Name:	ROY RUCCI
Spiller Company:	CHURCH .
Spiller Address:	109 YORK AVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported

CHURCH (Continued) **S105994889**

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 125972
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO Spill transferred to Greco in July, 2005 as part of Spills Closure Initiative. Greco called tank test company and left a message to be called back. JDG 7/21/05 Called tank test company again. They will have Phil call me back. JDG 8/3/05 11/21/05 Called Phil and determined that he was not the cleanup contractor. I then called Mr. Rucci, who delivers oil to the church, he was able to tell me that work was performed by Hydrotech Enironmental (631)462-5866. 11/21/05 I called Hydrotech. Rachel will call me back with info. JDG 11/25/05 Rachel of Hydrotech sent in a report showing that four soil borings placed around the tank indicated no detections of contaminants above the reporting limit were present. All four borings were deep enough to have been below the tank invert (i.e., the boings ranged from 12 to 16 feet in depth, which should be well-below any 2500 gallon tank), however none of the borings are reported to have intercepted the water table. Based on the analytical results, it appears that any release that occurred was relatively small. The leaking tank has been closed, and two new ASTs are now used to service the buildings heating requirements. Since there does not appear to be a significant problem, the spill is CLOSED. JDG 11/25/05 "
Remarks: "u/g tank failed test tank will be uncovered and restest a temp tank will be brought in also "

All TTF:
Facility ID: 0109824
Spill Number: 0109824
Spill Tank Test: 1526806
Site ID: 147990
Tank Number: 114
Tank Size: 2500
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03
Test Method 2: Horner EZ Check I or II
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 147990
Operable Unit ID: 848174
Operable Unit: 01
Material ID: 527469
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00

CHURCH (Continued) **S105994889**

Oxygenate: Not reported

103
West
1/4-1/2
0.473 mi.
2497 ft.

KAMARAN DELI **NY LTANKS** **S102962039**
506 RICHMOND TERR **NY Spills** **N/A**
STATEN ISLAND, NY

Relative:
Lower

Actual:
23 ft.

LTANKS:

Facility ID:	9711331
Site ID:	208622
Closed Date:	2003-03-03
Spill Number:	9711331
Spill Date:	1998-01-09
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4301
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1998-01-09
CID:	257
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-01-09
Spill Record Last Update:	2004-04-26
Spiller Name:	Not reported
Spiller Company:	A&R FUELS INC
Spiller Address:	2125 MILL AVE
Spiller County:	001
Spiller Contact:	NONE
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	173115
DEC Memo:	""
Remarks:	"OVERFILL AND LEAKING TANK FIRE DEPT ON SCENE AND IS CLEANING UP "

All Materials:

Site ID:	208622
Operable Unit ID:	1054175
Operable Unit:	01
Material ID:	326010
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	100.00
Oxygenate:	Not reported

KAMARAN DELI (Continued) **S102962039**

SPILLS:

Facility ID:	9711328
Facility Type:	ER
Spill Number:	9711328
DER Facility ID:	177778
Site ID:	214568
DEC Region:	2
Closed Date:	2003-03-04
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	4301
Spill Date:	1998-01-09
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1998-01-09
CID:	370
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-01-09
Spill Record Last Update:	2003-03-04
Spiller Name:	ABOVE CALLER
Spiller Company:	STORE
Spiller Address:	506 RICHMOND TERRACE
Spiller Company:	001
Contact Name:	ABOVE CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TOMSSELLO FD CALLED SANITATION (SPOKE TO STEVE JACOBS) TO CLEAN STREET. TANK IS 275 GALLONS. 200 GALLONS STILL IN THE TANK. A AND R FUEL 444-3400 HAVE BEEN NOTIFIED REPRESENTATIVES ON THE SCENE (TO PUMP OUT TANK) NO # FOR STORE. 3-4-03: AUSTIN - AS PER DIRECTIVE TO CLOSE OUT SPILLS W/NO RECENT HISTORY, CLOSE OUT. "
Remarks:	"ruptured fuel oil tank spilled to basement floor then pumped out into street - fire dept and police on scene - street was closed due to oil slick"

All Materials:

Site ID:	214568
Operable Unit ID:	1054172
Operable Unit:	01
Material ID:	326007
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

104
West
1/2-1
0.641 mi.
3386 ft.

NEW YORK FRAGRANCE C/O COTY ENTERPRISES
600 RICHMOND TER
STATEN ISLAND, NY 10301

NY SHWS **S108651171**
NY MANIFEST **N/A**

Relative:
Lower

Actual:
18 ft.

SHWS:

Program:	HW
Site Code:	57774
Classification:	N
Region:	2
Acres:	Not reported
HW Code:	243026
Record Add:	05/21/2002
Record Upd:	04/22/2005
Updated By:	DMMOLOUG
Site Description:	The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites
Env Problem:	Not reported
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

NY MANIFEST:

Country:	USA
EPA ID:	NYD681565591
Facility Status:	Not reported
Location Address 1:	600 RICHMOND TERRACE
Code:	BP
Location Address 2:	COTY WAREHOUSE
Total Tanks:	Not reported

NEW YORK FRAGRANCE C/O COTY ENTERPRISES (Continued) **S108651171**

Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD681565591
Mailing Name:	NEW YORK FRAGRANCE INC
Mailing Contact:	NEW YORK FRAGRANCE INC
Mailing Address 1:	162 PORT RICHMOND AVE
Mailing Address 2:	Not reported
Mailing City:	STATEN ISLAND
Mailing State:	NY
Mailing Zip:	10302
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7188161112

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2007
Trans1 State ID:	NJD986607380
Trans2 State ID:	Not reported
Generator Ship Date:	06/26/2007
Trans1 Recv Date:	06/26/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/11/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD681565591
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD001926740
TSDF ID 2:	Not reported
Manifest Tracking Number:	000037631FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	275
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	5

NEW YORK FRAGRANCE C/O COTY ENTERPRISES (Continued) **S108651171**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Country:	USA
EPA ID:	NYD687565591
Facility Status:	Not reported
Location Address 1:	600 RICHMOND TERRACE
Code:	BP
Location Address 2:	COTY WAREHOUSE
Total Tanks:	Not reported
Location City:	STATEN ISLAND
Location State:	NY
Location Zip:	10301
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD687565591
Mailing Name:	NEW YORK FRAGRANCE INC
Mailing Contact:	NEW YORK FRAGRANCE INC
Mailing Address 1:	162 PORT RICHMOND AVE
Mailing Address 2:	Not reported
Mailing City:	STATEN ISLAND
Mailing State:	NY
Mailing Zip:	10302
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7188161112

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

105
NW
1/2-1
0.730 mi.
3853 ft.

Relative:
Lower

Actual:
2 ft.

HESS FORMER CORRUGATED CARDBOARD PROPERTY
401 HOOK RD
BAYONNE, NJ 07002

RCRA-LQG **1000186323**
NJ SHWS **NJD986569770**
NJ UST
NJ INST CONTROL
NJ BROWNFIELDS
NJ AIRS
NJ Financial Assurance

RCRA-LQG:

Date form received by agency:	03/12/2012
Facility name:	HESS FORMER CORRUGATED CARDBOARD PROPERTY
Facility address:	401 HOOK RD BAYONNE, NJ 07002
EPA ID:	NJD986569770
Mailing address:	1 HESS PLZ WOODBRIDGE, NJ 07095
Contact:	PAUL MARINO
Contact address:	1 HESS PLAZA

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

WOODBRIDGE, NJ 07095
Contact country: US
Contact telephone: 732-750-7064
Contact email: PMARINO@HESS.COM
EPA Region: 02
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: PAUL MARINO
Owner/operator address: 1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner/operator country: US
Owner/operator telephone: 732-750-7064
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1964
Owner/Op end date: Not reported

Owner/operator name: PAUL MARINO
Owner/operator address: 1 HESS PLAZA
WOODBRIDGE, NJ 07095
Owner/operator country: US
Owner/operator telephone: 732-750-7064
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1964
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 02/08/2012
Site name: HESS FORMER CORRUGATED CARDBOARD PROPERTY
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/19/2008
Site name: FORMER CORRUGATED CARDBOARD
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 01/01/2007
Site name: CORRUGATED CARDBOARD WAREHOUSE - FORMER
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: CORRUGATED CARDBOARD WAREHOUSE - FORMER
Classification: Not a generator, verified

Date form received by agency: 03/14/1996
Site name: AMERADA HESS CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/10/1995
Site name: CORRUGATED CARDBOARD WAREHOUSE - FORMER
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: X001
. Waste name: WASTE OILS

. Waste code: X003
. Waste name: OTHER STATE REGULATED WASTES [i.e., DIESEL FUEL, GASOLINE AND HOME HEATING OIL]

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/16/1996
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SHWS:
Site ID: 379948
Status: Active
Home Owner: No
PI Number: 025863

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

UST:
Facility ID: 025863

Contact:
Owner Name: JOHN GEITNER
Organization: HESS CORP
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): 1 HESS PLZ
Contact Address 2 (UST Reg): Not reported
Conact City,St,Zip (UST Reg): Woodbridge, NJ 07095

Owner Name: Not Identified Not Identified
Organization: Not Identified
Contact Type(UST Reg): Facility Operator
Contact Address (UST Reg): Not reported
Contact Address 2 (UST Reg): Not reported
Conact City,St,Zip (UST Reg): Not reported

Owner Name: JOEL KLEINER
Organization: JOEL KLEINER FRED JACOBY
Contact Type(UST Reg): Tank Owner

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Contact Address (UST Reg): PO BOX 282
Contact Address 2 (UST Reg): Not reported
Conact City,St,Zip (UST Reg): Bayonne, NJ 07002

Owner Name: JOHN GEITNER
Organization: HESS CORP
Contact Type(UST Reg): Tank Owner
Contact Address (UST Reg): 1 HESS PLZ
Contact Address 2 (UST Reg): Not reported
Conact City,St,Zip (UST Reg): Woodbridge, NJ 07095

Tanks:

Tank Id: TANK-1
Tank Number: E1
Tank Status: **Abandoned in Place**
Tank Status Date: 01/01/1978
Install Date: 01/01/1978
Tank Contents: Medium Diesel Fuel (No. 2-D)
Tank Size: 2000
Tank Compliance: No
Overfill: No
Compliance Monitoring?: No
Overfill Protection: No
Spill Containment: No
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-21
Tank Number: 0001
Tank Status: **Removed**
Tank Status Date: 03/08/2010
Install Date: 01/01/1944
Tank Contents: Heating Oil (No. 2)
Tank Size: 1450
Tank Compliance: No
Overfill: Not reported
Compliance Monitoring?: No
Overfill Protection: Not reported
Spill Containment: Not reported
Tank Wellhead Protection: Not reported
Tank/Pipe Construction Type: Pipe Bare steel
Tank/Pipe Construction Type: Tank Bare steel
Tank/Pipe Monitor: Pipe None
Tank/Pipe Monitor: Tank None

Tank Id: TANK-22
Tank Number: 0002
Tank Status: **Removed**
Tank Status Date: 04/23/2010
Install Date: 01/01/1944
Tank Contents: Medium Diesel Fuel (No. 2-D)

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Tank Size:	5000
Tank Compliance:	No
Overfill:	Not reported
Compliance Monitoring?:	No
Overfill Protection:	Not reported
Spill Containment:	Not reported
Tank Wellhead Protection:	Not reported
Tank/Pipe Construction Type:	Pipe Bare steel
Tank/Pipe Construction Type:	Tank Bare steel
Tank/Pipe Monitor:	Pipe None
Tank/Pipe Monitor:	Tank None

NJ INSTITUTIONAL CONTROL:

Facility ID:	379948
Date Established (SI):	12/04/2009
Date Closed/Lifted (SI):	Not reported
PI Number:	025863
PI Name:	BAYONNE ENERGY CENTER
CEA Description (SI):	Antimony
CEA Case Track #:	27090
CEA Duration:	999.00
Intermediate Durations:	No

Facility ID:	379948
Date Established (SI):	12/04/2009
Date Closed/Lifted (SI):	Not reported
PI Number:	025863
PI Name:	BAYONNE ENERGY CENTER
CEA Description (SI):	Antimony
CEA Case Track #:	27091
CEA Duration:	999.00
Intermediate Durations:	No

Facility ID:	379948
Date Established (SI):	12/04/2009
Date Closed/Lifted (SI):	Not reported
PI Number:	025863
PI Name:	BAYONNE ENERGY CENTER
CEA Description (SI):	Antimony
CEA Case Track #:	27092
CEA Duration:	999.00
Intermediate Durations:	No

Facility ID:	379948
Date Established (SI):	12/04/2009
Date Closed/Lifted (SI):	Not reported
PI Number:	025863
PI Name:	BAYONNE ENERGY CENTER
CEA Description (SI):	Antimony
CEA Case Track #:	148103
CEA Duration:	999.00
Intermediate Durations:	No

Facility ID:	379948
Date Established (SI):	12/04/2009
Date Closed/Lifted (SI):	Not reported
PI Number:	025863

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Antimony
CEA Case Track #: 153889
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Antimony
CEA Case Track #: 154180
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Antimony
CEA Case Track #: Not reported
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 27090
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 27091
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 27092
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 148103
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 153889
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Arsenic
CEA Case Track #: 154180
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Arsenic
CEA Case Track #: Not reported
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Bis (2-ethylhexyl) phthalate
CEA Case Track #: 27090
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Bis (2-ethylhexyl) phthalate
CEA Case Track #: 27091
CEA Duration: 999.00

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Bis (2-ethylhexyl) phthalate
CEA Case Track #: 27092
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Bis (2-ethylhexyl) phthalate
CEA Case Track #: 148103
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Bis (2-ethylhexyl) phthalate
CEA Case Track #: 153889
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Bis (2-ethylhexyl) phthalate
CEA Case Track #: 154180
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Bis (2-ethylhexyl) phthalate
CEA Case Track #: Not reported
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

CEA Description (SI): Cadmium
CEA Case Track #: 27090
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 27091
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 27092
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 148103
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 153889
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Cadmium
CEA Case Track #: 154180
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Cadmium
CEA Case Track #: Not reported
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Lead
CEA Case Track #: 27090
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Lead
CEA Case Track #: 27091
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Lead
CEA Case Track #: 27092
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Lead
CEA Case Track #: 148103
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Lead
CEA Case Track #: 153889
CEA Duration: 999.00
Intermediate Durations: No

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Lead
CEA Case Track #: 154180
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Lead
CEA Case Track #: Not reported
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Nickel
CEA Case Track #: 27090
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Nickel
CEA Case Track #: 27091
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Nickel
CEA Case Track #: 27092
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Nickel
CEA Case Track #: 148103

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Nickel
CEA Case Track #: 153889
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Nickel
CEA Case Track #: 154180
CEA Duration: 999.00
Intermediate Durations: No

Facility ID: 379948
Date Established (SI): 12/04/2009
Date Closed/Lifted (SI): Not reported
PI Number: 025863
PI Name: BAYONNE ENERGY CENTER
CEA Description (SI): Nickel
CEA Case Track #: Not reported
CEA Duration: 999.00
Intermediate Durations: No

BROWNFIELDS:
Price: Not reported
Assessed Value: Not reported
Property Size: Unknown
Annual Taxes: Not reported
Representative Address: Not reported
Representative City/State/Zip: Not reported
Submitter Name: Not reported
Submitter Address1: Not reported
Submitter Address2: Not reported
Submitter City: Not reported
Submitter State: Not reported
Submitter Zip: Not reported
Submitter Email: Not reported
Submitter Phone: Not reported
Transaction Type: Not reported
Transfer Type: Not reported
Site Number: 6683
X Coordinate: 604714
Y Coordinate: 663521
Coord: 604714:663521
AutoID: 5527
Ownership Type: unknown
Ownership: DEP Case

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

PStatus:	DEP Case
PI Number:	025863
Owner Name:	Donald Bull
Owner Address + Owner Street:	1 Hess Plaza
Owner City:	Woodbridge
Owner State:	NJ
Owner Zip Code:	07095
Owner County:	Not reported
Owner Phone:	9999999999
Owner Fax:	9999999999
Owner Email:	Not reported
Owner Organization:	Amerada Hess Corporation
Authorized Representative:	Not reported
Auth Rep Relation to Owner:	Not reported
Municipal Contact Name:	Not reported
Municipal Contact Street:	Not reported
Municipal Contact City:	Not reported
Municipal Contact State:	Not reported
Municipal Contact Zip Code:	Not reported
Municipal Contact Phone:	9999999999
Municipal Contact Fax:	9999999999
Municipal Contact Email:	Not reported
Department:	Not reported
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Not reported
Current Zoning:	Not reported
Proposed Zoning:	Not reported
Copy of Title Insurance:	Not reported
Municode:	0901
Block:	Not reported
Lot:	Not reported
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported
Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown
Public Sewer:	Unknown
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No
Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No
Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	No
Environmental Litigation:	No
Remediation In Progress:	Yes
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	1) Assigned to Program,9/23/1998 2) D: Multi-Phased RA - Multiple Source/Release to Multi-Media Including GW established 8/31/1998
County_int_FK:	9
Municipality_int_FK:	247
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported
Authorized Representative Phone:	9999999999
General Comments:	Not reported

AIRS:

Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP080001
Active Type Description:	Initial Operating Permit
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2014

Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP100001
Active Type Description:	Modification
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2014

Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP110001
Active Type Description:	Modification
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2014

Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP120001
Active Type Description:	Modification
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2014
Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP120002
Active Type Description:	Modification
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2014
Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP170001
Active Type Description:	Modification
Document Status:	Approved
Expiration Date:	09/23/2019
Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP140001
Active Type Description:	Modification
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2014
Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP140003
Active Type Description:	Amendment
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2019
Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP150001
Active Type Description:	Modification
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2019
Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Active Number:	BOP160001
Active Type Description:	Modification
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2019
Emission Year:	Not reported
Facility Number:	12863
NAICS Code:	Not reported
Pollutant Name:	Not reported
Tons/Year lbs/Year For Taps 1000 Tons/Year For CO2:	Not reported
Tons/Season (5/1-9/30):	Not reported
Lbs/Day Peak Ozone Season (6/1-8/31):	Not reported
Lbs/Day Co-season (12/1-2/31):	Not reported
Permit of Emission:	PERMIT
X Coordinate:	605424.06900000002
Y Coordinate:	662998.23300000001
Coordinate Units:	NJ State Plane (NAD83) - USFEET
Coordinate Type:	Digital Image
Active Number:	BOP130001
Active Type Description:	5 Year Renewal
Document Status:	Superseded (Archived)
Expiration Date:	09/23/2019

NJ Financial Assurance:

Dispositon Date:	10/28/2005
RFS Disposition Description:	APPROVED
Institution:	JP MORGAN CHASE BANK
RFS Type Description:	Self Guarantee
PI Number:	Not reported
Activity Class Code:	Not reported
Act Class Decode:	Not reported
Document Title:	Not reported
Dispositon Date:	11/08/2006
RFS Disposition Description:	APPROVED
Institution:	Amerada Hess Corporation
RFS Type Description:	Self Guarantee
PI Number:	025863
Activity Class Code:	LSR
Act Class Decode:	Licensed Site Professional Program
Document Title:	E94337 Grand Corrugated Contai
Dispositon Date:	09/30/2009
RFS Disposition Description:	INCREASED
Institution:	Hess Corporation
RFS Type Description:	Self Guarantee
PI Number:	025863
Activity Class Code:	LSR
Act Class Decode:	Licensed Site Professional Program
Document Title:	E94337 Grand Corrugated Contai
Dispositon Date:	12/15/2009
RFS Disposition Description:	REDUCED
Institution:	Hess Corporation
RFS Type Description:	Self Guarantee
PI Number:	025863
Activity Class Code:	LSR

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Act Class Decode: Licensed Site Professional Program
Document Title: E94337 Grand Corrugated Contai

Dispositon Date: 10/12/2010
RFS Disposition Description: INCREASED
Institution: Hess Corporation
RFS Type Description: Self Guarantee
PI Number: 025863
Activity Class Code: LSR
Act Class Decode: Licensed Site Professional Program
Document Title: E94337 Grand Corrugated Contai

Dispositon Date: 11/08/2006
RFS Disposition Description: APPROVED
Institution: Amerada Hess Corporation
RFS Type Description: Self Guarantee
PI Number: 572975
Activity Class Code: RFS
Act Class Decode: Remediation Funding Source
Document Title: E94337 Grand Corrugated Contai

Dispositon Date: 09/30/2009
RFS Disposition Description: INCREASED
Institution: Hess Corporation
RFS Type Description: Self Guarantee
PI Number: 572975
Activity Class Code: RFS
Act Class Decode: Remediation Funding Source
Document Title: E94337 Grand Corrugated Contai

Dispositon Date: 12/15/2009
RFS Disposition Description: REDUCED
Institution: Hess Corporation
RFS Type Description: Self Guarantee
PI Number: 572975
Activity Class Code: RFS
Act Class Decode: Remediation Funding Source
Document Title: E94337 Grand Corrugated Contai

Dispositon Date: 10/12/2010
RFS Disposition Description: INCREASED
Institution: Hess Corporation
RFS Type Description: Self Guarantee
PI Number: 572975
Activity Class Code: RFS
Act Class Decode: Remediation Funding Source
Document Title: E94337 Grand Corrugated Contai

Dispositon Date: 10/14/2014
RFS Disposition Description: APPROVED
Institution: HESS CORPORATION
RFS Type Description: Self Guarantee
PI Number: 572975
Activity Class Code: RFS
Act Class Decode: Remediation Funding Source
Document Title: E94337 Grand Corrugated Contai

HESS FORMER CORRUGATED CARDBOARD PROPERTY (Continued) **1000186323**

Dispositon Date:	05/07/2015
RFS Disposition Description:	APPROVED
Institution:	HESS CORPORATION
RFS Type Description:	Self Guarantee
PI Number:	572975
Activity Class Code:	RFS
Act Class Decode:	Remediation Funding Source
Document Title:	E94337 Grand Corrugated Contai

Dispositon Date:	06/08/2016
RFS Disposition Description:	APPROVED
Institution:	HESS CORPORATION
RFS Type Description:	Self Guarantee
PI Number:	572975
Activity Class Code:	RFS
Act Class Decode:	Remediation Funding Source
Document Title:	E94337 Grand Corrugated Contai

Dispositon Date:	03/08/2016
RFS Disposition Description:	APPROVED
Institution:	IMTT-BC LLC
RFS Type Description:	Remediation Trust Fund
PI Number:	719502
Activity Class Code:	RFS
Act Class Decode:	Remediation Funding Source
Document Title:	E20150389 Bayonne Energy Ctr

Dispositon Date:	03/21/2017
RFS Disposition Description:	APPROVED
Institution:	IMTT-BC LLC
RFS Type Description:	Remediation Trust Fund
PI Number:	719502
Activity Class Code:	RFS
Act Class Decode:	Remediation Funding Source
Document Title:	E20150389 Bayonne Energy Ctr

106
WNW
1/2-1
0.885 mi.
4675 ft.

BLUE CIRCLE CEMENT INC
6 COMMERCE ST
BAYONNE CITY, NJ 07002

NJ SHWS **U000354487**
NJ UST **N/A**
NJ ENG CONTROLS
NJ BROWNFIELDS

Relative:
Lower

Actual:
3 ft.

SHWS:

Site ID:	7674
Status:	Closed
Home Owner:	No
PI Number:	002820

Detail As Of April 2012:

X Coord Site:	Not reported
X Coord PI:	Not reported
Y Coord Site:	Not reported
Y Coord PI:	Not reported

UST:

Facility ID:	002820

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Contact:

Owner Name:	Not Identified Not Identified
Organization:	Not Identified
Contact Type(UST Reg):	Facility Operator
Contact Address (UST Reg):	Not reported
Contact Address 2 (UST Reg):	Not reported
Conact City,St,Zip (UST Reg):	Not reported
Owner Name:	GREG KAPSKY
Organization:	BLUE CIRCLE CEMENT INC
Contact Type(UST Reg):	Tank Owner
Contact Address (UST Reg):	PO BOX 273
Contact Address 2 (UST Reg):	Not reported
Conact City,St,Zip (UST Reg):	Bayonne, NJ 07002

Tanks:

Tank Id:	TANK-1
Tank Number:	1
Tank Status:	**Removed**
Tank Status Date:	04/10/1992
Install Date:	01/01/1968
Tank Contents:	Medium Diesel Fuel (No. 2-D)
Tank Size:	4000
Tank Compliance:	No
Overfill:	No
Compliance Monitoring?:	No
Overfill Protection:	No
Spill Containment:	No
Tank Wellhead Protection:	Not reported
Tank/Pipe Construction Type:	Tank Bare steel
Tank/Pipe Construction Type:	Pipe Bare steel
Tank/Pipe Monitor:	Pipe None
Tank/Pipe Monitor:	Tank None

NJ ENGINEERING CONTROLS:

Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Asphalt Cap
Deeds Parameter Desc:	Arsenic
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.
Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Beryllium
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Copper
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Copper
Deeds Depth: 3.00
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Lead
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Nickel
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Arsenic
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Beryllium
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Copper
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Copper
Deeds Depth: 3.00
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Lead
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Nickel
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Fence
Deeds Parameter Desc: Arsenic
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Fence
Deeds Parameter Desc: Beryllium
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Fence
Deeds Parameter Desc: Copper
Deeds Depth: 2.50

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.
Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Fence
Deeds Parameter Desc:	Copper
Deeds Depth:	3.00
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.
Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Fence
Deeds Parameter Desc:	Lead
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.
Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Fence
Deeds Parameter Desc:	Nickel
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.
Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Imperm. Cover
Deeds Parameter Desc:	Arsenic
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.
Site ID:	7674
Pi Number:	002820

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Imperm. Cover
Deeds Parameter Desc: Copper
Deeds Depth: 3.00
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Imperm. Cover
Deeds Parameter Desc: Lead
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Imperm. Cover
Deeds Parameter Desc: Nickel
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Permeable Cover
Deeds Parameter Desc: Arsenic
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Deed Specific Requirement: Permeable Cover
Deeds Parameter Desc: Beryllium
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Permeable Cover
Deeds Parameter Desc: Copper
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Permeable Cover
Deeds Parameter Desc: Copper
Deeds Depth: 3.00
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Permeable Cover
Deeds Parameter Desc: Lead
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Permeable Cover
Deeds Parameter Desc: Nickel
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Slab
Deeds Parameter Desc: Arsenic
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Slab
Deeds Parameter Desc: Beryllium
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Slab
Deeds Parameter Desc: Copper
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Slab
Deeds Parameter Desc: Lead
Deeds Depth: 2.50
Comments: The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID: 7674
Pi Number: 002820
PI Name: BLUE CIRCLE CEMENT INC
Owner Name: Alessi, Vincent
DER Filed Date: 12/05/2008

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Slab
Deeds Parameter Desc:	Nickel
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Arsenic
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Beryllium
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Copper
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Copper
Deeds Depth:	3.00

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.
Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Lead
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.
Site ID:	7674
Pi Number:	002820
PI Name:	BLUE CIRCLE CEMENT INC
Owner Name:	Alessi, Vincent
DER Filed Date:	12/05/2008
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Nickel
Deeds Depth:	2.50
Comments:	The Deed Notice and engineering controls are for Block 481, lot 5.02 (upland portion). This area is a total of 2.66 acres.

BROWNFIELDS:

Price:	Not reported
Assessed Value:	Not reported
Property Size:	Unknown
Annual Taxes:	Not reported
Representative Address:	Not reported
Representative City/State/Zip:	Not reported
Submitter Name:	Not reported
Submitter Address1:	Not reported
Submitter Address2:	Not reported
Submitter City:	Not reported
Submitter State:	Not reported
Submitter Zip:	Not reported
Submitter Email:	Not reported
Submitter Phone:	Not reported
Transaction Type:	Not reported
Transfer Type:	Not reported
Site Number:	6655
X Coordinate:	604248
Y Coordinate:	661935
Coord:	604248:661935
AutoID:	5499
Ownership Type:	unknown
Ownership:	DEP Case
PStatus:	DEP Case
PI Number:	002820
Owner Name:	Vincent Alessi
Owner Address + Owner Street:	Foot of Ingham Avenue and 2nd Street

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Owner City:	Bayonne
Owner State:	NJ
Owner Zip Code:	07002
Owner County:	Not reported
Owner Phone:	9999999999
Owner Fax:	9999999999
Owner Email:	Not reported
Owner Organization:	Atlantic Cement Realty, LLC
Authorized Representative:	Not reported
Auth Rep Relation to Owner:	Not reported
Municipal Contact Name:	Not reported
Municipal Contact Street:	Not reported
Municipal Contact City:	Not reported
Municipal Contact State:	Not reported
Municipal Contact Zip Code:	Not reported
Municipal Contact Phone:	9999999999
Municipal Contact Fax:	9999999999
Municipal Contact Email:	Not reported
Department:	Not reported
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Not reported
Current Zoning:	Not reported
Proposed Zoning:	Not reported
Copy of Title Insurance:	Not reported
Municode:	0901
Block:	Not reported
Lot:	Not reported
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported

BLUE CIRCLE CEMENT INC (Continued) **U000354487**

Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown
Public Sewer:	Unknown
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No
Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No
Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	Yes
Environmental Litigation:	No
Remediation In Progress:	Yes
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	1) Assigned to Program,8/4/2005 2) C3: Multi-Phased RA - Unknown or Uncontrolled Discharge to Soil or GW established 8/4/2005
County_int_FK:	9
Municipality_int_FK:	247
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported
Authorized Representative Phone:	9999999999
General Comments:	Not reported

107
NW
1/2-1
0.907 mi.
4791 ft.

AMERADA HESS CORP — **NJ SHWS** — **S116191029**
420 HOOK RD — **N/A**
BAYONNE CITY, NJ

Relative:
Lower

Actual:
8 ft.

SHWS:
Site ID: 15745
Status: Active
Home Owner: No
PI Number: 003919

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

T108
WNW
1/2-1
0.925 mi.
4886 ft.

DOMENICO TOURS INC — **NJ SHWS** — **1007032816**
71 75 HOOK RD — **FINDS** — **N/A**
BAYONNE CITY, NJ 07002 — **ECHO**

Site 1 of 3 in cluster T

Relative:
Lower

Actual:
9 ft.

SHWS:
Site ID: 41722
Status: Active
Home Owner: No
PI Number: 000627

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

FINDS:

Registry ID: 110014976598

Environmental Interest/Information System
NJ-NJEMS (New Jersey - New Jersey Environmental Management System).
The Department of Environmental Protection (NJDEP) manages large databases of environmental information in this integrated system.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1007032816
Registry ID: 110014976598
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014976598

T109 **GARDEN STATE CONVERTERS** **NJ SHWS** **S106761238**
WNW **63 65 N HOOK RD** **NJ ENG CONTROLS** **N/A**
1/2-1 **BAYONNE CITY, NJ 07002** **NJ BROWNFIELDS**
0.930 mi.
4909 ft. **Site 2 of 3 in cluster T**

Relative:
Lower

Actual:
9 ft.

SHWS:
Site ID: 7647
Status: Closed
Home Owner: No
PI Number: 026827

Detail As Of April 2012:
X Coord Site: Not reported
X Coord PI: Not reported
Y Coord Site: Not reported
Y Coord PI: Not reported

NJ ENGINEERING CONTROLS:
Site ID: 7647
Pi Number: 026827
PI Name: GARDEN STATE CONVERTERS
Owner Name: Owner, Business
DER Filed Date: 01/06/1997
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Benzo(a)anthracene
Deeds Depth: 3.00
Comments: Asphalt paving and concrete floor of the building

Site ID: 7647
Pi Number: 026827
PI Name: GARDEN STATE CONVERTERS
Owner Name: Owner, Business
DER Filed Date: 01/06/1997
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Benzo(a)pyrene
Deeds Depth: 3.00
Comments: Asphalt paving and concrete floor of the building

Site ID: 7647
Pi Number: 026827
PI Name: GARDEN STATE CONVERTERS
Owner Name: Owner, Business
DER Filed Date: 01/06/1997
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Benzo(b)fluoranthene
Deeds Depth: 3.00
Comments: Asphalt paving and concrete floor of the building

Site ID: 7647
Pi Number: 026827
PI Name: GARDEN STATE CONVERTERS
Owner Name: Owner, Business

GARDEN STATE CONVERTERS (Continued) **S106761238**

DER Filed Date: 01/06/1997
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Lead
Deeds Depth: 3.00
Comments: Asphalt paving and concrete floor of the building

Site ID: 7647
Pi Number: 026827
PI Name: GARDEN STATE CONVERTERS
Owner Name: Owner, Business
DER Filed Date: 01/06/1997
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Total Petroleum Hydrocarbons
Deeds Depth: 6.00
Comments: Asphalt paving and concrete floor of the building

Site ID: 7647
Pi Number: 026827
PI Name: GARDEN STATE CONVERTERS
Owner Name: Owner, Business
DER Filed Date: 01/06/1997
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Benzo(a)anthracene
Deeds Depth: 3.00
Comments: Asphalt paving and concrete floor of the building

Site ID: 7647
Pi Number: 026827
PI Name: GARDEN STATE CONVERTERS
Owner Name: Owner, Business
DER Filed Date: 01/06/1997
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Benzo(a)pyrene
Deeds Depth: 3.00
Comments: Asphalt paving and concrete floor of the building

Site ID: 7647
Pi Number: 026827
PI Name: GARDEN STATE CONVERTERS
Owner Name: Owner, Business
DER Filed Date: 01/06/1997
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Benzo(b)fluoranthene
Deeds Depth: 3.00
Comments: Asphalt paving and concrete floor of the building

Site ID: 7647

GARDEN STATE CONVERTERS (Continued) **S106761238**

Pi Number:	026827
PI Name:	GARDEN STATE CONVERTERS
Owner Name:	Owner, Business
DER Filed Date:	01/06/1997
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Concrete Cap
Deeds Parameter Desc:	Lead
Deeds Depth:	3.00
Comments:	Asphalt paving and concrete floor of the building

Site ID:	7647
Pi Number:	026827
PI Name:	GARDEN STATE CONVERTERS
Owner Name:	Owner, Business
DER Filed Date:	01/06/1997
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Concrete Cap
Deeds Parameter Desc:	Total Petroleum Hydrocarbons
Deeds Depth:	6.00
Comments:	Asphalt paving and concrete floor of the building

Site ID:	7647
Pi Number:	026827
PI Name:	GARDEN STATE CONVERTERS
Owner Name:	Owner, Business
DER Filed Date:	01/06/1997
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Benzo(a)anthracene
Deeds Depth:	3.00
Comments:	Asphalt paving and concrete floor of the building

Site ID:	7647
Pi Number:	026827
PI Name:	GARDEN STATE CONVERTERS
Owner Name:	Owner, Business
DER Filed Date:	01/06/1997
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Benzo(a)pyrene
Deeds Depth:	3.00
Comments:	Asphalt paving and concrete floor of the building

Site ID:	7647
Pi Number:	026827
PI Name:	GARDEN STATE CONVERTERS
Owner Name:	Owner, Business
DER Filed Date:	01/06/1997
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Benzo(b)fluoranthene
Deeds Depth:	3.00

GARDEN STATE CONVERTERS (Continued) **S106761238**

Comments:	Asphalt paving and concrete floor of the building
Site ID:	7647
Pi Number:	026827
PI Name:	GARDEN STATE CONVERTERS
Owner Name:	Owner, Business
DER Filed Date:	01/06/1997
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Lead
Deeds Depth:	3.00
Comments:	Asphalt paving and concrete floor of the building
Site ID:	7647
Pi Number:	026827
PI Name:	GARDEN STATE CONVERTERS
Owner Name:	Owner, Business
DER Filed Date:	01/06/1997
DER Lifted Date:	Not reported
Der Deed Usage (si):	Restricted
Deed Specific Requirement:	Soil
Deeds Parameter Desc:	Total Petroleum Hydrocarbons
Deeds Depth:	6.00
Comments:	Asphalt paving and concrete floor of the building

BROWNFIELDS:

Price:	Not reported
Assessed Value:	Not reported
Property Size:	Unknown
Annual Taxes:	Not reported
Representative Address:	Not reported
Representative City/State/Zip:	Not reported
Submitter Name:	Not reported
Submitter Address1:	Not reported
Submitter Address2:	Not reported
Submitter City:	Not reported
Submitter State:	Not reported
Submitter Zip:	Not reported
Submitter Email:	Not reported
Submitter Phone:	Not reported
Transaction Type:	Not reported
Transfer Type:	Not reported
Site Number:	6650
X Coordinate:	603154
Y Coordinate:	666495
Coord:	603154:666495
AutoID:	5494
Ownership Type:	unknown
Ownership:	DEP Case
PStatus:	DEP Case
PI Number:	026827
Owner Name:	Not reported
Owner Address + Owner Street:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported

GARDEN STATE CONVERTERS (Continued) **S106761238**

Owner County:	Not reported
Owner Phone:	9999999999
Owner Fax:	9999999999
Owner Email:	Not reported
Owner Organization:	Not reported
Authorized Representative:	Not reported
Auth Rep Relation to Owner:	Not reported
Municipal Contact Name:	Not reported
Municipal Contact Street:	Not reported
Municipal Contact City:	Not reported
Municipal Contact State:	Not reported
Municipal Contact Zip Code:	Not reported
Municipal Contact Phone:	9999999999
Municipal Contact Fax:	9999999999
Municipal Contact Email:	Not reported
Department:	Not reported
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Not reported
Current Zoning:	Not reported
Proposed Zoning:	Not reported
Copy of Title Insurance:	Not reported
Municode:	0901
Block:	Not reported
Lot:	Not reported
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported
Rail Miles Away:	Not reported
Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown

GARDEN STATE CONVERTERS (Continued) **S106761238**

Public Sewer:	Unknown
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No
Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No
Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	No
Environmental Litigation:	No
Remediation In Progress:	No
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	1) NFA-A (Area of Concern) HISTORIC,1/6/1997 2) C1: No Formal Design - Source Known or Identified-Potential GW Contamination established 2/21/1997
County_int_FK:	9
Municipality_int_FK:	247
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported
Authorized Representative Phone:	9999999999
General Comments:	Not reported

T110 **BAYONNE CITY SLF** **NJ SHWS** **S105007945**
WNW **61 N HOOK RD** **NJ ENG CONTROLS** **N/A**
1/2-1 **BAYONNE CITY, NJ 07002** **NJ VCP**
0.931 mi. **NJ BROWNFIELDS**
4917 ft. **Site 3 of 3 in cluster T**

Relative: **Lower**
Actual: **9 ft.**

SHWS:

Site ID:	73913
Status:	Closed
Home Owner:	No
PI Number:	G000036554

BAYONNE CITY SLF (Continued) **S105007945**

Detail As Of April 2012:
X Coord Site: 602671
X Coord PI: 602671
Y Coord Site: 663835
Y Coord PI: 663835

NJ ENGINEERING CONTROLS:
Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Antimony
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Benzene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Chrysene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: DDD (4,4'-)
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913

BAYONNE CITY SLF (Continued) **S105007945**

Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Indeno(1,2,3-cd)pyrene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Naphthalene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Tetrachloroethylene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Total Petroleum Hydrocarbons
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Asphalt Cap
Deeds Parameter Desc: Trichloroethylene
Deeds Depth: 4.00

BAYONNE CITY SLF (Continued) **S105007945**

Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Antimony
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Benzene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Chrysene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: DDD (4,4'-)
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted

BAYONNE CITY SLF (Continued) **S105007945**

Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Indeno(1,2,3-cd)pyrene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Naphthalene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Tetrachloroethylene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Total Petroleum Hydrocarbons
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Concrete Cap
Deeds Parameter Desc: Trichloroethylene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,

BAYONNE CITY SLF (Continued) **S105007945**

DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: Antimony
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: Benzene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: Chrysene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: DDD (4,4'-)
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: Indeno(1,2,3-cd)pyrene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913

BAYONNE CITY SLF (Continued) **S105007945**

Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: Naphthalene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: Tetrachloroethylene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: Total Petroleum Hydrocarbons
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: 06/01/2007
DER Lifted Date: Not reported
Der Deed Usage (si): Restricted
Deed Specific Requirement: Soil
Deeds Parameter Desc: Trichloroethylene
Deeds Depth: 4.00
Comments: Not reported

Site ID: 73913
Pi Number: G000036554
PI Name: BAYONNE SANITARY LANDFILL
Owner Name: ,
DER Filed Date: Not reported
DER Lifted Date: Not reported
Der Deed Usage (si): Not reported
Deed Specific Requirement: Not reported
Deeds Parameter Desc: Not reported
Deeds Depth: Not reported

BAYONNE CITY SLF (Continued) **S105007945**

Comments: Not reported

VCP:

Incident Number: 98-09-18-1041-38
MOA Execution Date: 09/28/1998
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Oenj Bayonne Inc
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

Incident Number: 97-03-01-0037-52
MOA Execution Date: 05/01/1997
Type Of Vcp File: HISTORICAL
Pi Number: Not reported
Case Type(Case Type): Not reported
Case Contact: Department Not reported
Case Contact Name: Not reported
Case Contact: Organization Oenj Bayonne Llc
Case Contact: Address: Line1 Not reported
Case Contact: Address: Line2 Not reported
Case Contact: Address: Line3 Not reported
Case Contact City,St,Zip: Not reported

BROWNFIELDS:

Price: Not reported
Assessed Value: Not reported
Property Size: Unknown
Annual Taxes: Not reported
Representative Address: Not reported
Representative City/State/Zip: Not reported
Submitter Name: Not reported
Submitter Address1: Not reported
Submitter Address2: Not reported
Submitter City: Not reported
Submitter State: Not reported
Submitter Zip: Not reported
Submitter Email: Not reported
Submitter Phone: Not reported
Transaction Type: Not reported
Transfer Type: Not reported
Site Number: 6699
X Coordinate: 602671
Y Coordinate: 663835
Coord: 602671:663835
AutoID: 5543
Ownership Type: unknown
Ownership: DEP Case
PStatus: DEP Case
PI Number: G000036554
Owner Name: Not reported

BAYONNE CITY SLF (Continued) **S105007945**

Owner Address + Owner Street:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner County:	Not reported
Owner Phone:	9999999999
Owner Fax:	9999999999
Owner Email:	Not reported
Owner Organization:	Not reported
Authorized Representative:	Not reported
Auth Rep Relation to Owner:	Not reported
Municipal Contact Name:	Not reported
Municipal Contact Street:	Not reported
Municipal Contact City:	Not reported
Municipal Contact State:	Not reported
Municipal Contact Zip Code:	Not reported
Municipal Contact Phone:	9999999999
Municipal Contact Fax:	9999999999
Municipal Contact Email:	Not reported
Department:	Not reported
Municipal Contact Title:	Not reported
Contact Relation to Owner:	Not reported
Current Zoning:	Not reported
Proposed Zoning:	Not reported
Copy of Title Insurance:	Not reported
Municode:	0901
Block:	Not reported
Lot:	Not reported
Development Plan Completed:	Unknown
Market Study Completed:	Unknown
Current Activity:	Not reported
Current Operations:	Not reported
Prior Operations:	Not reported
Deed Restrictions:	Unknown
Easements:	Unknown
Buildings:	Not reported
Condition of Buildings:	Not reported
Square Footage:	Not reported
Total Buildable Space:	Not reported
Lease Price:	Not reported
Tax Certificate:	Unknown
Tax Lien:	Unknown
Other Liens/Judgements:	No
Traffic Study:	Unknown
Road Access:	Not reported
Waterfront Access:	Unknown
Airport Access:	Unknown
Public Transportation Access:	Unknown
Major Highway Name:	Not reported
Major Highway Interchange:	Not reported
Major Highway Miles Away:	Not reported
Local Highway Name:	Not reported
Local Highway Interchange:	Not reported
Local Highway Miles Away:	Not reported
Rail Type:	Not reported
Rail Name:	Not reported
Rail Station:	Not reported

BAYONNE CITY SLF (Continued) **S105007945**

Rail Miles Away:	Not reported
Public Water:	Unknown
Electric:	Unknown
Gas:	Unknown
Public Sewer:	Unknown
Telephone:	Unknown
Cable:	Unknown
Fiber Optics:	Unknown
Wetlands:	No
Sensitive Ecosystems/Habitats:	No
Endangered Species:	No
Historic/Archeological Site:	No
100 Year Flood Plain:	No
500 Year Flood Plain:	No
Environmental Report Copies:	Yes
List Containing Site:	Not reported
Preliminary Assessment:	No
Site Investigation:	No
Remedial Investigation:	No
Remedial Action Workplan:	No
Voluntary Cleanup Program:	Yes
Environmental Litigation:	No
Remediation In Progress:	Yes
Remediation Estimated Complete Date:	Not reported
Regulatory sign-off:	No
Regulatory Sign-Off Description:	Not reported
Other Incentives:	No
Low Interest Rates:	No
HDSRF Grants:	No
TIF:	No
HDSRF Loans:	No
USA Loans:	No
USA Grants:	No
Designated Redevelopment Area:	No
Environmental Opportunity Zone:	No
Tax Rebate or Abatement:	No
Empowerment Zone (Federal):	No
Urban Coordinating Council Neighborhood:	No
Enterprise Community (Federal):	No
Urban Enterprise Zone:	No
Additional Comments:	1) Assigned to Program,10/2/1998 2) D: Multi-Phased RA - Multiple Source/Release to Multi-Media Including GW established 10/2/1998
County_int_FK:	9
Municipality_int_FK:	247
Planning Area Designation:	Planning Area 1
Authorized Representative Email:	Not reported
Authorized Representative Phone:	9999999999
General Comments:	Not reported

Count: 7 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BAYONNE CITY	S108255286	DROGIN PROPERTY	RT 169 & HOOK RD	07002	NJ SHWS, NJ VCP
BAYONNE CITY	S108255276	CONRAIL PROPERTY	NEW HOOK ACCESS RD	07002	NJ SHWS, NJ VCP
STATEN ISLAND	S104323997	BALLPARK AT ST. GEORGE STATION	BETWEEN NORTH RAMP AND JERSEY	10301	NY ENG CONTROLS, NY INST CONTROL, NY VCP
STATEN ISLAND	S105135023	SPILL NUMBER 0104248	NEW YORK HARBOR		NY LTANKS
STATEN ISLAND	S111456925	ON DEP PROPERTY	RICHMOND AVE AND DOCK RD		NY Spills
STATEN ISLAND	1003864489	STATEN ISLAND WAREHOUSE	RICHMOND TERRACE	10301	SEMS-ARCHIVE
STATEN ISLAND	S103238968	STAPLETON ANCHORAGE	UPPER NEW YORK BAY		NY LTANKS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

NY SHWS: Inactive Hazardous Waste Disposal Sites in New York State

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

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Annually

NJ SHWS: Known Contaminated Sites in New Jersey

The Known Contaminated Sites in New Jersey includes sites under the purview of the Site Remediation Program which have contamination present at levels greater than the applicable cleanup criteria for soil and/or groundwater standards. The sites appearing in Known Contaminated Sites in New Jersey are classified as either active, where the site is assigned to a specific remedial program area, or pending, where the site is awaiting assignment to a specific remedial program area. Sites where no further action (NFA) designation has been given are not included in this report unless there are other areas of identified contamination which have not been remediated. This report includes sites being remediated under all of the various regulatory programs administered by the Site Remediation Program such as: Federal Superfund Program, Federal Resource Conservation and Recovery Act (RCRA), New Jersey's Industrial Site Recovery Act (ISRA), New Jersey's Underground Storage of Hazardous Substances Act, New Jersey's Spill Compensation and Control Act, New Jersey's Solid Waste Management Act, New Jersey's Water Pollution Control Act.

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 06/11/2018
Number of Days to Update: 34

Source: New Jersey Department of Environmental Protection
Telephone: 609-292-8761
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

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

NY SWF/LF: Facility Register

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

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 01/02/2018
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NJ SWF/LF: Solid Waste Facility Directory

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

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/11/2018
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 609-984-6741
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Annually

State and tribal leaking storage tank lists

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/12/2018
Number of Days to Update: 27
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

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

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

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

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

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

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 40
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: No Update Planned

NJ UST: Underground Storage Tank Data

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/05/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/02/2018
Number of Days to Update: 45

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 08/02/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

NY CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

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

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

NY MOSF UST: Major Oil Storage Facilities Database

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

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

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

NY MOSF: Major Oil Storage Facility Site Listing

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

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

NY CBS: Chemical Bulk Storage Site Listing

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

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

NY AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: No Update Planned

NY CBS AST: Chemical Bulk Storage Database

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

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

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

NY MOSF AST: Major Oil Storage Facilities Database

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

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

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

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

NY TANKS: Storage Tank Faciliy Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 06/25/2018
Date Data Arrived at EDR: 06/28/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

NY ENV RES DECL: Environmental Restrictive Declarations

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

Date of Government Version: 05/15/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 42

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

NY RES DECL: Restrictive Declarations Listing

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

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

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

NY ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

NJ ENG CONTROLS: Declaration Environmental Restriction/Deed Notice Sites

Legal Document that restricts the use of contaminated property; holds owner(s) to the regulatory/statutory requirements for cleanup.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/26/2018
Date Made Active in Reports: 02/27/2018
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

NY INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

NJ INST CONTROL: Classification Exception Area Sites

A Classification Exception Area is an institutional control providing notice that ground water contamination exists in a particular location above State standards.

Date of Government Version: 01/11/2018
Date Data Arrived at EDR: 01/26/2018
Date Made Active in Reports: 02/27/2018
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements

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

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Semi-Annually

NY VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 46

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 06/15/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

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

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

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

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

NJ VCP: Voluntary Cleanup Program Sites

Through the VCP, responsible parties, developers, local officials, or individuals may work with the department to remediate non-priority contaminated sites that pose no immediate threat to human health or the environment.

Date of Government Version: 01/12/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/02/2018
Number of Days to Update: 41

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

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

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Semi-Annually

NJ BROWNFIELDS: Brownfields Database

Brownfields are identified as former or current commercial or industrial use sites that are presently vacant or underutilized, on which there is suspected to have been a discharge of a contamination to the soil or groundwater at concentrations greater than applicable cleanup criteria.

Date of Government Version: 04/11/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/11/2018
Number of Days to Update: 48

Source: Department of Environmental Protection
Telephone: 609-292-1251
Last EDR Contact: 08/02/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

NY ERP: Environmental Restoration Program Listing

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

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/21/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 01/02/2018
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NY SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: No Update Planned

NJ SWRCY: Approved Class B Recycling Facilities

"Class B recyclable material" means a source separated recyclable material which is subject to Department approval prior to receipt, storage, processing or transfer at a recycling center in accordance with N.J.S.A. 13:1E-99.34b.

Date of Government Version: 12/01/2017
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 02/28/2018
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 609-984-6650
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NY DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

NY HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

NY HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

NY LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 27

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

NJ LIENS: Environmental LIENS

A listing of properties with environmental liens. The listing includes sites from the Site Remediation & Waste Management Program Sites where the Department has placed either a 1st Priority or Regular Spill Fund Lien against. 1st Priority Type Lien - a lien placed against the property where the discharged occurred providing that the owners of the property have some responsibility towards the discharge. First Priority Lien is superior to other types of liens. Non-Priority (Regular) Type Lien - a lien placed against the Responsible Party & their revenues and all real and personal property, other than the real property comprising the location of the discharge.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 08/08/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

NY SPILLS: Spills Information Database

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

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/12/2018
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

NY HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

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

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

NY SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NJ SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/15/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NY SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NJ SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 09/02/1997
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/04/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 87

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018
Date Data Arrived at EDR: 03/17/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

NY AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/23/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

NJ AIRS: Emissions Inventory Listing

An emission inventory is an estimate of air pollutant emissions in a given area. Emission inventories are fundamental building blocks used to develop air quality control strategies on a local, regional and national level. Emission inventories are also used to estimate the progress of an air quality program.

Date of Government Version: 05/01/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 05/10/2018
Number of Days to Update: 3

Source: Department of Environmental Protection
Telephone: 609-984-5483
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

NY COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 06/29/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NJ COAL ASH: Coal Ash Listing

Coal combustion survey ash listing.

Date of Government Version: 05/10/2010
Date Data Arrived at EDR: 05/12/2010
Date Made Active in Reports: 06/28/2010
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 609-984-6985
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

NY DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 03/07/2018
Date Data Arrived at EDR: 03/30/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 67

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

NJ DRYCLEANERS: Drycleaner List

A listing of registered drycleaners.

Date of Government Version: 05/04/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/12/2018
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 609-292-2795
Last EDR Contact: 08/02/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

NY E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 06/06/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 3

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

NJ Financial Assurance: Financial Assurance Information Listing
Financial Assurance information.

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/02/2018
Number of Days to Update: 41
Source: Department of Environmental Protection
Telephone: 609-341-3121
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Semi-Annually

NY Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 12/01/2017
Date Data Arrived at EDR: 01/02/2018
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 29
Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NY Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/29/2017
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 60
Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

NY HSWDS: Hazardous Substance Waste Disposal Site Inventory
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41
Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

NJPDES: New Jersey Pollutant Discharge Elimination System Dischargers

The NJPDES contains the names, addresses and other information of all permitted New Jersey Pollutant Discharge Elimination Sytem dischargers.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 07/02/2018
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 609-984-4428
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

NY SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/18/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/18/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

NY VAPOR REOPENED: Vapor Intrusion Legacy Site List

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

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 02/15/2018
Date Made Active in Reports: 03/27/2018
Number of Days to Update: 40

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

NY UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/07/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 22

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

NJ UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/09/2009
Date Data Arrived at EDR: 02/25/2009
Date Made Active in Reports: 03/11/2009
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 609-292-0407
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

NJ RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: New Jersey Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

NY RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

NJ RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the New Jersey Department of Environmental Protection in New Jersey.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: New Jersey Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

NY AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 03/29/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 38

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

NY UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 03/29/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 38

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

NASSAU COUNTY:

NY AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

NY AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

NY TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

NY UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

NY UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ROCKLAND COUNTY:

NY AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

NY UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

NY AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

NY UST - SUFFOLK: Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

NY AST - WESTCHESTER: Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 04/26/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 25

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Semi-Annually

NY UST - WESTCHESTER: Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 04/26/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 25

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/03/2018
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

UNDEVELOPED PROPERTY
170-194 RICHMOND TERRACE, 8,18,20 STUYVESANT PL
STATEN ISLAND, NY 10301

TARGET PROPERTY COORDINATES

Latitude (North):	40.646157 - 40° 38' 46.17''
Longitude (West):	74.079145 - 74° 4' 44.92''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	577860.6
UTM Y (Meters):	4499674.5
Elevation:	33 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6048959 JERSEY CITY, NJ
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

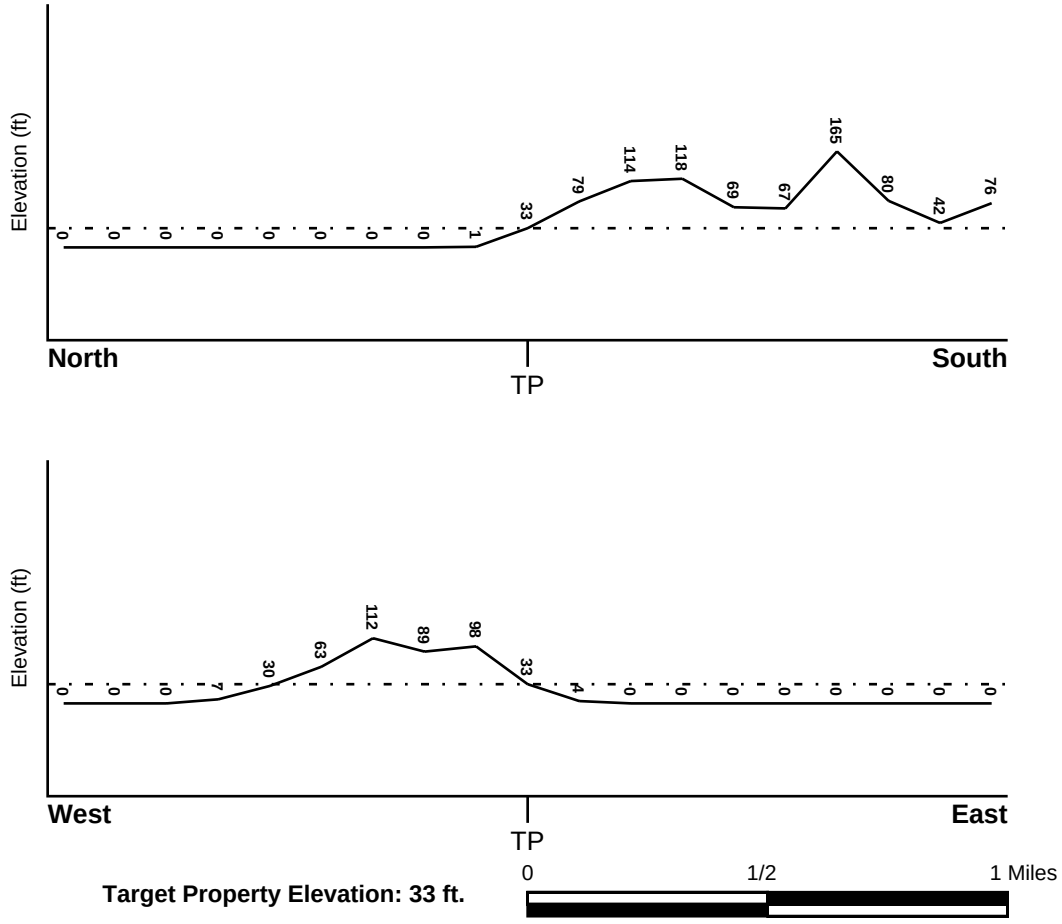
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970189F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
34017C0112D	FEMA FIRM Flood data
3604970188F	FEMA FIRM Flood data
3604970193F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
JERSEY CITY	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile West
Site Name:	Standard T Chemical
Site EPA ID Number:	NYD001601327
Surficial Aquifer Flow Dir.:	TOWARD THE ARTHUR KILL, WITH PROBABLE CONNECTIONS BETWEEN THE AQUIFER AND THE ARTHUR KILL.
Inferred Depth to Water:	less than 10 feet.
Hydraulic Connection:	The near surface unconsolidated sediments are hydraulically connected to the underlying sand and clay Newark Basin members. The depth to bedrock is estimated to be between 50 feet and 100 feet.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Permian
Series:	Ultramafic rocks
Code:	uM *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam

Surficial Soil Types: sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: unweathered bedrock
very gravelly - sandy loam
stratified
gravelly - sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000826447	1/4 - 1/2 Mile SSE
2	USGS40000826457	1/4 - 1/2 Mile SE
3	USGS40000826374	1/2 - 1 Mile SW
4	USGS40000826343	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	NYOG80000036889	1/2 - 1 Mile South
A2	NYOG80000036890	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 5399096.2s

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

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

SITE NAME:	Undeveloped Property	CLIENT:	Env. Business Consultants
ADDRESS:	170-194 Richmond Terrace, 8,18,20 Stuyvesant Pl Staten Island NY 10301	CONTACT:	Keith Butler
LAT/LONG:	40.646157 / 74.079145	INQUIRY #:	5399096.2s
		DATE:	August 20, 2018 3:18 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSE **FED USGS** **USGS40000826447**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	R 80. 1	Type:	Well
Description:	Not Reported	HUC:	02030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	37	Well Depth Units:	ft
Well Hole Depth:	37	Well Hole Depth Units:	ft

2
SE **FED USGS** **USGS40000826457**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	R 81. 1	Type:	Well
Description:	Not Reported	HUC:	02030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	49	Well Depth Units:	ft
Well Hole Depth:	49	Well Hole Depth Units:	ft

3
SW **FED USGS** **USGS40000826374**
1/2 - 1 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	R 79. 1	Type:	Well
Description:	Not Reported	HUC:	02030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	44	Well Depth Units:	ft
Well Hole Depth:	44	Well Hole Depth Units:	ft

4
SSE **FED USGS** **USGS40000826343**
1/2 - 1 Mile
Lower

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	R 6	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand and Gravel	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	50
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A1
South
1/2 - 1 Mile

OIL_GAS **NYOG80000036889**

Api wellno:	31085270120000	Cnty:	85
Hole:	27012	Sidetrck:	0
Completion:	0	Well name:	Staten Island Mental Health GT Well 1
Company na:	Fund for the Advancement of Ment	Operator n:	2578
Well type:	TH	Map symbol:	O
Well statu:	AC	Date statu:	2011-12-31 00:00:00
Date permi:	2010-10-18 00:00:00	Permit iss:	2011-05-05 00:00:00
Date spudd:	2011-07-12 00:00:00	Date total:	2011-07-29 00:00:00
Date well:	2011-09-16 00:00:00	Date wel00:	Not Reported
Date wel01:	2	Confid:	Released
Town:	Staten Island	Quad:	Jersey City
Quadsec:	H	Producing:	Not Applicable
Producin00:	Not Applicable	Financial:	True
Slant:	Vertical	County:	Richmond
Region:	2	State leas:	NA
Proposed d:	1500	Surface lo:	SURF
Surface 00:	-74.077726	Surface la:	40.638702
Bottom hol:	BH	Bottom h00:	-74.077726
Bottom h01:	40.638702	True verti:	1550
Measured d:	1550	Kickoff:	0
Drilleddep:	1550	Elevation:	51
Original w:	TH	Permit fee:	670
Objective:	NA - Geoexchange	Depth fee:	570
Spacing:	Exempt - not an oil or gas well	Spacing ac:	Not Reported
Integratio:	N	Dt hearing:	Not Reported
Dt mod:	2012-03-16 10:59:20.407000000		
Link:	http://www.dec.ny.gov/cfmx/extapps/GasOil/search/wells/index.cfm?api=31085270120000		
Site id:	NYOG80000036889		

A2
South
1/2 - 1 Mile

OIL_GAS **NYOG80000036890**

Api wellno:	31085270130000	Cnty:	85
Hole:	27013	Sidetrck:	0
Completion:	0	Well name:	Staten Island Mental Health GT Well 2
Company na:	Fund for the Advancement of Ment	Operator n:	2578
Well type:	TH	Map symbol:	O
Well statu:	AC	Date statu:	2011-12-31 00:00:00
Date permi:	2010-10-18 00:00:00	Permit iss:	2011-05-05 00:00:00
Date spudd:	2011-08-08 00:00:00	Date total:	2011-08-25 00:00:00
Date well:	2011-09-16 00:00:00	Date wel00:	Not Reported
Date wel01:	2	Confid:	Released
Town:	Staten Island	Quad:	Jersey City
Quadsec:	H	Producing:	Not Applicable
Producin00:	Not Applicable	Financial:	True
Slant:	Vertical	County:	Richmond
Region:	2	State leas:	NA
Proposed d:	1500	Surface lo:	SURF
Surface 00:	-74.077975	Surface la:	40.638662
Bottom hol:	BH	Bottom h00:	-74.077975
Bottom h01:	40.638662	True verti:	1500
Measured d:	1500	Kickoff:	0
Drilleddep:	1500	Elevation:	51

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Original w:	TH	Permit fee:	670
Objective:	NA - Geoexchange	Depth fee:	570
Spacing:	Exempt - not an oil or gas well	Spacing ac:	Not Reported
Integratio:	N	Dt hearing:	Not Reported
Dt mod:	2012-03-16 11:26:19.053000000		
Link:	http://www.dec.ny.gov/cfmx/extapps/GasOil/search/wells/index.cfm?api=31085270130000		
Site id:	NYOG80000036890		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for RICHMOND County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RICHMOND COUNTY, NY

Number of sites tested: 61

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.670 pCi/L	98%	2%	0%
Basement	1.250 pCi/L	84%	15%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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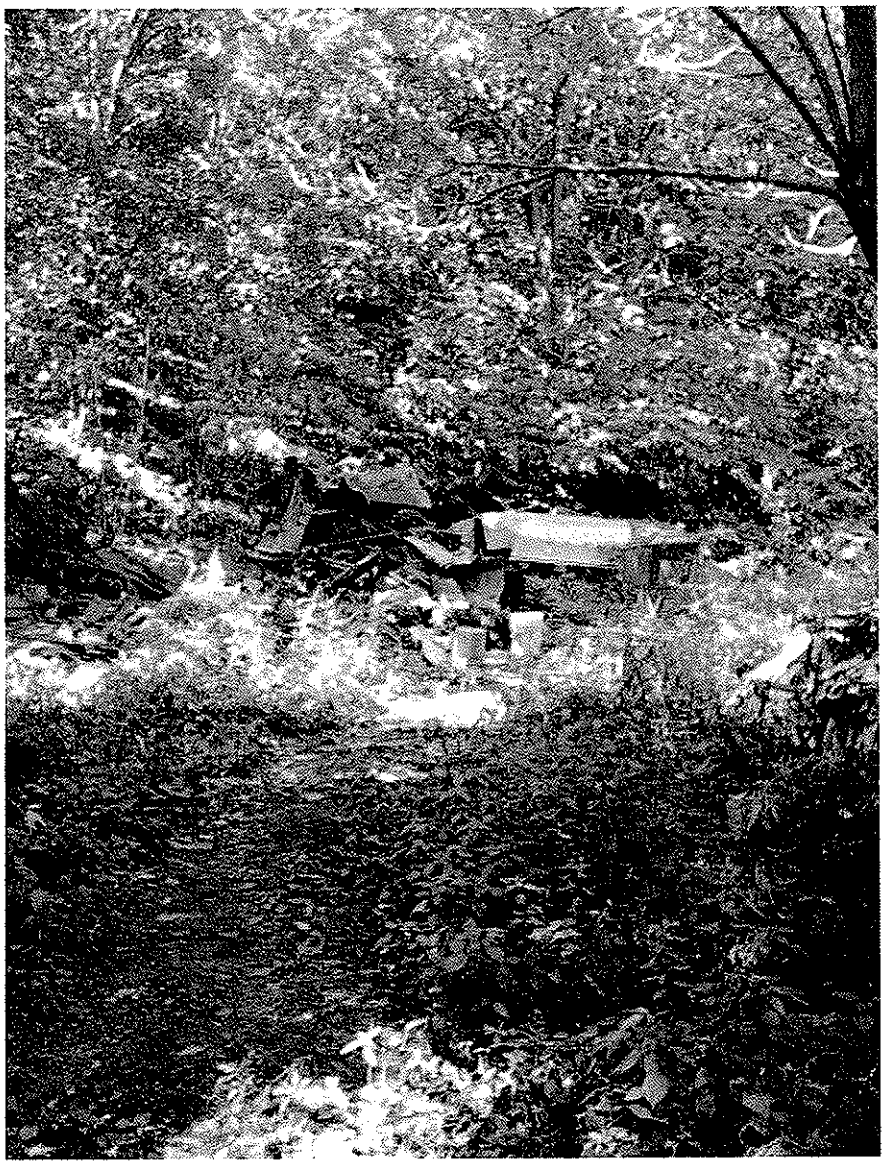
APPENDIX E

PRIOR REPORTS/MISCELLANEOUS

PHASE I ENVIRONMENTAL ASSESSMENT



8, 18, 20 STUYVESANT PLACE, 37 HAMILTON AVENUE,
170, 178 RICHMOND TERRACE
STATEN ISLAND, NY 10301

PHASE I ENVIRONMENTAL ASSESSMENT

ASTM E1527-00

PROPERTY ADDRESS: 8, 18, 20 STUYVESANT PLACE,
37 HAMILTON AVENUE,
170, 178 RICHMOND TERRACE
STATEN ISLAND, NY 10301

PREPARED FOR: DORAL BANK
387 PARK AVENUE SOUTH 9TH FLOOR
NEW YORK, NY 10016
ATTN: KEN DIGREGORIO

PREPARED BY: SINGER ENVIRONMENTAL GROUP, LTD
5318 NEW UTRECHT AVENUE
BROOKLYN, NY 11219

DATE: SEPTEMBER 30, 2005

SCOPE OF THIS PHASE I
ENVIRONMENTAL SURVEY

To thoroughly inspect all accessible areas and facilities in and around the vacant lot located at 8, 18, 20 STUYVESANT PLACE, 37 HAMILTON AVENUE, 170, 178 RICHMOND TERRACE, STATEN ISLAND, New York and to assess the environmental status of the subject property. The tasks were conducted via a visual inspection of the site, review of available historical records documenting uses of the property along with persons knowledgeable about the subject property.

This survey assessed any ongoing or former operations, whether current or former operators/leases used or stored chemicals on the premises, if any waste materials arising from operations have been dumped on the premises or if any landfill operations have taken place.

Visual inspection of the immediate vicinity around the premises were also conducted, wherever possible or reasonable, in order to determine whether any sites adjoining the premises are used for heavy manufacturing or the generation, storage, shipping or disposal of hazardous waste, chemical materials or fuel supplies; if there are any underground or suspended transformer, capacitors, etc. Containing PCB's on the subject property or if there are any underground storage tanks.

As part of this environmental survey, inquiry was made with the U.S. Environmental Protection Agency and appropriate State and Local Agencies in order to ascertain the location of any potential, alleged or known hazardous waste sites within a one half mile radius of subject property. The CERCLIS (Comprehensive Emergency Response, Compensation and Liability Information System) is the U.S. EPA's compilation of such alleged, potential or known hazardous waste sites brought to the attention of the U.S. EPA Office of Emergency and Remedial Response which have been, will be or are currently under investigation for suspected or known environmentally hazardous activities, The National Priorities List (NPL) is the U.S. EPA's listing of known of known contaminated sites which have been targeted for clean-up due to the immediate threat posed to human health and/or the environmental integrity of that property as well as its marketability.

If appropriate, inquiry was also made with the US Environmental Protection Agency and appropriate State and Local agencies regarding their acknowledgment that the presence and/or disposal of hazardous or toxic chemicals, if any, are within their guidelines and compliance.

Recommendations, wherever appropriate, have been given as to the action, if any, which should be taken to confirm with the most current guidelines and rules for compliance as set forth by these agencies.

The Phase I Environmental Survey is limited in budget and scope. No sampling, testing or laboratory analysis is conducted unless so noted and the assessment is based on the professional opinion of the Environmental Consultant. The Phase I Environmental Survey is not and should not be considered a warranty or guarantee about the presence or absence of environmental contaminants which might affect the subject property.

This report was prepared in accordance with ASTM E-1527-00 protocols for Phase I Environmental Site Assessments.
8, 18, 20 STUYVESANT PLACE, 37 HAMILTON AVENUE, 170, 178 RICHMOND TERRACE
STATEN ISLAND, N.Y.

EXECUTIVE SUMMARY

SITE DESCRIPTION

- This property is known as 8, 18, 20 STUYVESANT PLACE, 37 HAMILTON AVENUE, 170, 178 RICHMOND TERRACE, STATEN ISLAND, NY, Block 13, Lots 82, 92, 100, 103, 104, 116.
- This property is a vacant lot 74,404 Sq. Ft.
- This property's occupancy code is "vacant land" use. (PPO)
- Zoning R6: Residential (Oasis)

ASBESTOS

- **NO** visible and/or friable ACM was noted during this inspection.

FUEL OIL STORAGE TANK

- **NO** tank was noted during this inspection.
- **NO** vent or fill was noted during this inspection.
- **NO** fuel oil applications were filed with the Department of Buildings.

PCB's

- **NO** PCB's were noted during this inspection.

SITE HISTORY

- In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that this property has been used as Dwelling facilities from the 1910's to the 1960's, Dwelling, Vacant from the 1970's to 1981 and Vacant from 1983 to the 1990's.

SURROUNDING AREAS

NORTH	**PARKING, KILL VAN KULL RIVER**
SOUTH	**COMMERCIAL, RESIDENTIAL**
WEST	**WOODED AREA**
EAST	**RESIDENTIAL**

CHEMICAL OR HAZARDOUS MATERIAL/WASTE STORAGE

- NO chemical or hazardous material/waste storage was noted during this inspection.
- **Junk Construction Equipment, Tires, Debris, Broken Fences, and Minor Household Garbage were noted during this inspection.**

- **Mounds of earth (presumably from path clearing) were noted during this inspection.**

EDR(ENVIRONMENTAL DATE RESOURCES) DATABASE SUMMARY

DATABASE	SEARCH DISTANCE	SITES LISTED
SM. QUANTITY GENERATOR	¼ MILE	5
STATE HAZARDOUS WASTE	1 MILE	1
LTANKS (LEAKING TANKS)	½ MILE	20
NY SPILLS	<1/8 MILE	7

These should have no affect on the subject property.

- ***This site is NOT listed on any State or Federal Databases.***

REC's (Recognized Environmental Conditions)

- NO REC's were noted during this inspection.

GROUNDWATER FLOW

- A review of the USGS 7.5 Minute Topography map was conducted. Based on the topographical gradients, the groundwater flow is assumed to be in a northerly direction, eventually emptying into the Kill Van Kull River.

INTERVIEWS

- The following agencies were contacted via telephone, to date no response has been received.

Fire Department
Department of Buildings
Tax Assessor

SURVEY FINDINGS

GENERAL

A Phase I Environmental Survey was conducted at the building located at 8, 18, 20 STUYVESANT PLACE, 37 HAMILTON AVENUE, 170, 178 RICHMOND TERRACE, STATEN ISLAND, New York beginning with a visual inspection by an Environmental Consultant in all areas where hazardous or potentially toxic materials or substances might be present. A number of environmental risks were assessed during this investigation, including the presence of asbestos-containing materials, aboveground or underground storage tanks, chemical and/or hazardous waste storage and PCB content in electrical equipment. A Phase I Environmental Assessment does not involve any sampling, testing or laboratory analysis of on-site soil or ground water, unless so noted, and, thus, cannot confirm the nature of subsurface soil or ground water quality on the subject property.

SITE DESCRIPTION

The subject property is located at the address known as 8, 18, 20 STUYVESANT PLACE, 37 HAMILTON AVENUE, 170, 178 RICHMOND TERRACE, Block 13, Lots 82, 92, 100, 103, 104, 116, in the Borough of STATEN ISLAND, New York. This property consists of a vacant lot 74,404 Sq. Ft. This property's occupancy code is "vacant land" use. (PPO)
Zoning R6: Residential (Oasis)

SITE HISTORY

In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that this property has been used as Dwelling facilities from the 1910's to the 1960's, Dwelling, Vacant from the 1970's to 1981 and Vacant from 1983 to the 1990's.

A Sanborn site history "mapping and geographic" search was conducted for a 100 year span and 17 maps were provided (see documentation).

YEAR	SUBJECT PROPERTY
1917	DWELLINGS, VACANT
1937	DWELLINGS, VACANT
1950	DWELLINGS, VACANT
1962	DWELLINGS, VACANT
1977	VACANT, DWELLING
1981	VACANT, DWELLING
1983	VACANT
1986	VACANT
1987	VACANT
1988	VACANT
1989	VACANT
1990	VACANT
1991	VACANT
1992	VACANT
1993	VACANT
1994	VACANT
1995	VACANT
1996	VACANT

SURROUNDING AREAS	
NORTH	PARKING, KILL VAN KULL RIVER
SOUTH	COMMERCIAL, RESIDENTIAL
WEST	WOODED AREA
EAST	RESIDENTIAL

ENVIRONMENTAL ASSESSMENT

A visual inspection of the subject property took place on September 28, 2005, by Mr. Shemon Singer, who was accompanied by the property developer, Jacob.

ASBESTOS CONTAINING MATERIALS (ACM)

Asbestos is the generic name for a group of naturally occurring hydrated mineral silicates that are characterized by fibers or bundles of fine single crystal fibers. The New York City Department of Environmental Protection defines asbestos containing materials as "any material which contains more than one percent asbestos by weight." Asbestos materials were used for many years in a variety of ways in building construction due to its excellent acoustic insulating and thermal barrier properties. The durability of asbestos fibers and their small size and fibrous shape make asbestos an unusual environmental contaminant. Water infiltration, contact during routine maintenance and age are major factors breaking down asbestos containing materials and creating exposure problems.

NO VISIBLE AND/OR FRIABLE ACM WAS NOTED DURING THIS INSPECTION.

Accessible areas in the vacant lot were inspected as part of this survey.

Vacant Lot	-	74,404 Sq. Ft., Earth, Vegetation, Trees, Junk Construction Equipment, Tires, Debris, Broken Fences, Minor Household Garbage. Mounds of Earth (presumably from path clearing).

CHEMICAL OR HAZARDOUS MATERIAL/WASTE STORAGE

The rooms/areas/facilities inspected as part of this Phase I environmental survey; **NO** 55 gallon or smaller sized drums were found on the properties. **NO** storage or use of pesticides were found at the subject property. **NO** distressed vegetation was noted during this inspection.

- **Junk Construction Equipment, Tires, Debris, Broken Fences, and Minor Household Garbage were noted during this inspection.**
- **Mounds of earth (presumably from path clearing) were noted during this inspection.**

PRESENCE OF PCBs IN TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT

An inspection was conducted at the subject property and in the immediate vicinity for the presence of any underground, surface or suspended transformers and visible power supply sources. Oil-containing transformers are known to frequently contain PCBs (Polychlorinated biphenyl's). PCBs are contained in older transformers and other electrical equipment and have the potential for serious health risks. The level of PCB content in such transformers and electrical equipment is regulated by the U.S. Environmental Protection Agency, Regulations 40 CFR Part 761. Upon visual inspection, **NO** suspended or underground transformers power supply sources were identified. Contact with Con Edison has nevertheless been made to determine definitely if any equipment owned and/or maintained by Con Edison located on or in the immediate vicinity of the subject property contain PCB's.

OIL STORAGE TANKS

The New York State Department of Environmental Conservation regulates the storage and handling of petroleum storage facilities. Aboveground and Underground storage tanks storing petroleum can, if not properly installed and maintained, cause serious environmental problems. Including contamination of a water supply. In an effort to prevent leaks and spills, the Petroleum Bulk Storage Law (Article 17, Title 10 of the Environmental Conservation Law) requires the DEC to develop and enforce a State Code for the storage and handling of petroleum, the resulting regulations are Parts 612, 613 and 614. Any facility with a stationary tank combined capacity exceeding 1,100 gallons must be registered with the New York State Department of Environmental Conservation.

- **NO** tank was noted during this inspection.
- **NO** vent or fill was noted during this inspection.
- **NO** fuel oil applications were filed with the Department of Buildings.

RCRA - RESOURCE CONSERVATION AND RECOVERY ACT

RCRA was enacted in 1976 to address the problem of disposing solid waste, hazardous waste, underground storage tanks and medical waste. Subtitle C of the Act establishes a program to manage and regulate hazardous wastes. The objective of the subtitle C program is to ensure that hazardous waste is handled in a manner that protects human health and the environment. Under RCRA, there are three categories of hazardous waste generators: Large quantity generators (LQG), small quantity generators (SQG), and conditionally exempt small quantity generators. LQG are defined as those facilities that generate either 1,000 or more kilograms per month of hazardous waste or 1 kg or more of acutely hazardous waste per month.

LQG and SQG are subject to regulations contained in 40 CFR Part 262: Obtaining and EPA ID number, preparing the waste for transportation, follow storage requirements, manifesting of hazardous waste and record keeping.

THIS SITE IS NOT LISTED ON THE RCRA OR FINDS LISTS.

According to EDR Radius Map Search, 5 Sm. Quantity Generators are located <1/8 to 1/4 mile radius of the subject property.

These should have NO affect on the subject property.

ADDITIONAL OBSERVATION

An inspection of the immediate vicinity around the subject property was also conducted as part of this Phase I Environmental Assessment.

In addition to the visual inspection, contact was made with the U.S. Environmental Protection Agency regarding the presence of any known, alleged or potential hazardous waste sites located in he immediate vicinity of the subject property which have been brought to the attention of the U.S. EPA Office of Emergency & Remedial Response and included in the Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS). Based on reports, **NO** such property has been identified as such (see documentation).

A review of the N.Y.S. D.E.C. Inactive Hazardous Waste Disposal Report was conducted. According to their records, **NO** site has been identified on or near the subject property.

According to EDR Radius Map Search, 1 State Hazardous Waste site is located 1/2 to 1 mile radius of the subject property.

This should have NO affect on the subject property.

A radon test was **NOT** conducted at the subject property. Elevated radon levels create a potential health risk, The U.S. EPA and the Center for Disease Control have used a continuous exposure level of 4 pCi/L as a guidance level at or above which further testing and/or remedial action are indicated. There were no records or other evidence that radon testing has been performed at the subject property.

RECOMMENDATIONS

The following are recommendations based on the Phase I Environmental Survey conducted at 8, 18, 20 STUYVESANT PLACE, 37 HAMILTON AVENUE, 170, 178 RICHMOND TERRACE, STATEN ISLAND, New York.

On September 28, 2005, a Phase I Environmental Assessment of the above-mentioned property was conducted in accordance with the generally accepted assessment protocol. The Phase I environmental assessment relied primarily on visual observation made during inspection and review of available historical documents as they relate to current and past usage's of the subject property. Additionally, the immediate vicinity of the subject property was inspected in order to ascertain the likelihood of toxic or hazardous substances or other agents to be present at surrounding locations which might adversely affect the subject site.

NO VISIBLE AND/OR FRIABLE ACM WAS NOTED AT THE TIME OF THIS INSPECTION.

THE FOLLOWING ARE FINDINGS AND RECOMMENDATIONS MADE BY THE SINGER ENVIRONMENTAL CONSULTANT:

THERE IS NO EVIDENCE THAT THIS SITE OR SITES ADJOINING THE SUBJECT PROPERTY HAVE BEEN USED FOR HEAVY MANUFACTURING, USE AND/OR STORAGE OF CHEMICALS OR FUEL SUPPLIES.

THERE ALSO IS NO EVIDENCE THAT CURRENT OR FORMER OPERATORS DUMPED WASTE MATERIALS ARISING FROM OPERATIONS ON THE SUBJECT PROPERTY OR THAT ANY LANDFILL OPERATIONS HAVE TAKEN PLACE.

SEE "CHEMICAL OR HAZARDOUS MATERIAL/WASTE STORAGE"

UPON VISUAL INSPECTION, NO SUSPENDED OR SURFACE TRANSFORMERS WERE IDENTIFIED ON OR IN THE IMMEDIATE VICINITY OF THE SUBJECT PROPERTY.

Contact was made with Con Edison on January 1996 to ascertain whether or not any equipment owned and/or maintained by Con Edison is present in the immediate vicinity of the subject property and , if so, if any contain PCBs. Information provided to Singer Environmental has been that among transformers which have not been tested and determined to contain a quantity of PCBs (designated in ppms (parts per million), public utility companies are permitted to continue operation without restriction. However, if a problem were to arise as a result of a release of dielectric fluid from these transformers, the utility assumes responsibility to adequately mitigate the situation.

RADON

While radon has not been identified by the New York State Health Department as a major problem in the boroughs of New York City, the problem is site-specific and the potential health risk should be assessed.

The USEPA and the Centers for Disease Control and Prevention have used a continuous exposure of 4.0 picoCuries per liter (pCi/L) of air as the suggested remedial level action level for radon exposure. A statewide radon study conducted by the New York State Department of Health determined that the average radon concentration for New York City is ¼ pCi/L. This is below the recommended action level.

GROUNDWATER & SOIL

The nature of subsurface soil and ground water at the subject property cannot be confirmed, given the limited budget and scope of this Phase I Environmental Survey. The subsurface area of and in the immediate vicinity of the subject property contains a highly developed infrastructure which makes the penetration of contaminated ground water or soil stemming from sites other than those immediately adjacent to the subject properties difficult and, therefore, unlikely. It is therefore, the opinion of this Environmental consultant that there is little risk of subsurface soil and/or ground water contamination at this property and that the cost of on-site sampling and analysis to ascertain subsurface soil and ground water quality are not justified at this time.

GROUNDWATER FLOW

- A review of the USGS 7.5 Minute Topography map was conducted. Based on the topographical gradients, the groundwater flow is assumed to be in a northerly direction, eventually emptying into the Kill Van Kull River.

OIL STORAGE TANKS

- NO tank was noted during this inspection.

- **NO** vent or fill was noted during this inspection.
- **NO** fuel oil applications were filed with the Department of Buildings.

DEPARTMENT OF BUILDINGS

According to the Department of Buildings "Property Profile Overview" dated 09/30/05, **1** DOB (20 Stuyvesant Place), and **1** DOB (178 Richmond) violations are "open" at this time.

These should appear on the title report.

FIRE DEPARTMENT

A record search at the Fire Department was **NOT** conducted.

Fire Department violations if any, should show up in the Title Report.

LTANKS (LEAKING TANKS)

According to an EDR Radius Map search, **20** LTANKS sites were identified <1/8 to 1/2 mile of the subject property.

These should have NO affect on the subject property.

N.Y SPILLS

According to an EDR Radius Map search, 7 spill sites were identified <1/8 mile radius of the subject property.

These should have NO affect on the subject property.

N.Y.S. D.E.C.

A F.O.I.A. request was submitted to the N.Y.S. Department of Environmental Conservation regarding any spills, PBS (Petroleum Bulk Storage etc.). To date, **NO** response has been received, upon receipt an addendum will follow.

N.Y.S. D.E.P.

A F.O.I.A. request was submitted to the N.Y.C. Department of Environmental Protection regarding any violations, etc. To date, **NO** response has been received, upon receipt an addendum will follow.

DEPARTMENT OF HEALTH

A F.O.I.A. request was submitted to the Department of Health regarding any violations, etc. To date, **NO** response has been received, upon receipt an addendum will follow.

F.O.I.A. RESPONSES MAY NOT BE FORWARDED UNTIL AFTER DATE OF CLOSING.

Singer Environmental Group, Ltd. has conducted this Phase I Environmental Survey as an aid in determining the presence of potentially toxic or hazardous chemicals or substances as of the date of inspection. Observations are made herein and conclusions drawn are not to be considered as a warranty or guarantee, and are based solely upon those areas directly visible and observable, without the removal or alterations of any item or structure and reflect conditions as on the day of inspection.

Singer Environmental Group, Ltd., their principals and employees are indemnified for any future changes or conditions of deterioration in or on the subject property. Inasmuch as each has made not guarantees of the premises, expressed or implied in connection with this report, any liability which each may have shall be limited to the fee for the inspection of the property.

Respectfully Submitted by: (Copy)

SHEMON SINGER
EAA CERTIFIED ENVIRONMENTAL INSPECTOR
NO. 6209
SEPTEMBER 30, 2005

Hydro Tech Environmental, Corp.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

178 Richmond Terrace and 24 Stuyvesant Place
Staten Island, New York

For:

Richmond Liberty, LLC
825 3rd Avenue, 37th Floor
New York, NY

January 3, 2014

Hydro Tech Job No. 130348

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

178 Richmond Terrace and 24 Stuyvesant Place
Staten Island, New York

January 3, 2014

Hydro Tech Environmental, Corp. appreciates the opportunity to work for Richmond Liberty at the property located at 178 Richmond Terrace and 24 Stuyvesant Place Staten Island, New York.

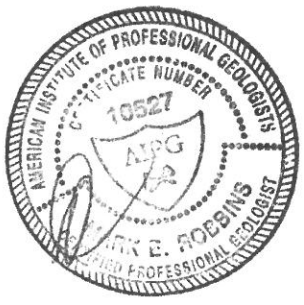
Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

We declare that, to the best of my professional knowledge and belief, HTE personnel meet the definition of an environmental professional as defined in §312.10 of 40 C.F.R. 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Very Truly Yours,
Hydro Tech Environmental, Corp.

X _____
Sasha Rothenberg
Environmental Scientist

X _____
Mark E. Robbins, C.P.G., C.E.I.
Senior Vice President



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1.0 EXECUTIVE SUMMARY

Hydro Tech Environmental, Corp. (Hydro Tech) has performed a Phase I Environmental Site Assessment (Phase I ESA) at the Subject Property located at 178 Richmond Terrace and 24 Stuyvesant Place Staten Island, New York. The Phase I ESA was performed to meet or surpass the American Standard of Testing Materials Standard for Phase I Environmental Site Assessments E 1527-05. The purpose of the assessment was to characterize the environmental quality of the Subject Property through the identification of Recognized Environmental Conditions. All work was performed under the supervision of a Hydro Tech Project Manager and under the guidance of a Hydro Tech geologist.

The results of the Phase I Environmental Site Assessment are contained in this report. The Phase I Environmental Site Assessment has revealed the following Recognized Environmental Condition(s) at the Subject Property:

- The presence of unknown fill material (§4.0)
- The suspect presence of heating oil tanks (§4.0)

No effort has been made to perform any investigation beyond what is included in this Report. The observations and conclusions included herein summarize the results of the Phase I Environmental Site Assessment up to the date of the fieldwork and the date of this Report.

The following sections provide the details and specific information pertaining to the various components of the Phase I Environmental Site Assessment.

2.0 INTRODUCTION & SCOPE OF WORK

2.1 Introduction

Hydro Tech Environmental, Corp. (Hydro Tech, the ***"Preparer"***) has been retained by Richmond Liberty, LLC (the ***"User"***) to perform a Phase I Environmental Site Assessment at the property located at 178 Richmond Terrace and 24 Stuyvesant Place, Staten Island. The User is the ***"Prospective Buyer"*** of the property. The Phase I was prepared for due diligence purposes towards a purchase transaction of the property. The property will hereafter be referred to as the ***"Subject Property"***.

The purpose of a Phase I Assessment is to characterize the environmental quality of the Subject Property through the determination of the presence of Recognized Environmental Conditions (RECs). As defined by the American Society of Testing and Materials (ASTM), a REC is, "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property" (ASTM E 1527-05, §1.1.1).

To this end, Hydro Tech has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Recommendations are offered where prudent. Firms subcontracted by Hydro Tech and the User may have collected some information used in this report. Some or all of the Assessment has been performed or supervised by environmental professionals as required by 40 CFR Part 310. The procurement of Title and Judicial Records for Environmental Liens and/or Activity and Use Limitations ("AULs") by HTE is beyond the scope of this practice (ASTM E1527-05) and investigation.

2.2 Scope of Work

The general activities of the Phase I Assessment included the performance of the following tasks:

1. A detailed inspection of the Site and its general vicinity.
2. A review of all reasonably ascertainable regulatory agency documents.
3. A neighborhood hazardous waste survey utilizing Federal and State databases.
4. A review and evaluation of reasonably ascertainable geologic and hydrogeologic reference materials.
5. Interviews with representatives of the Site.
6. The preparation of a Phase I Environmental Site Assessment Report.

The Phase I ESA was performed in accordance with ASTM E 1527 except where noted in Section 2.3 and Hydro Tech's Proposal. As required by ASTM, the User has supplied information that has been relied upon by Hydro Tech in the rendering of findings, conclusions and opinions, except where indicated in Section 2.3 or elsewhere in the report.

2.3 Limitations and Exceptions & Data Gaps

In addition to those items outlined by ASTM E 1527, asbestos, radon, lead-based paint and lead in water were also considered in the scope of work. While this Phase I Assessment provides information with respect to both asbestos and lead-based paint, the presence of these materials can only be confirmed through the collection and analysis of bulk samples.

This report is not intended to serve as a full asbestos survey or lead-based paint survey. These surveys are commonly performed for the purpose of building demolition/renovation or the recognition/identification

of any building materials that may contain asbestos or lead-based paint and it is recommended that they be performed prior to any such work.
Business Environmental Risks have not been considered and are not included in the scope of work. This Phase I Assessment is not intended to address the soil/groundwater quality at the Subject Property for general Site characterization or waste disposal purposes. This Phase I Assessment in not intended to evaluate the fair market price of the property if it is not affected by hazardous or petroleum products.

Portions of this report have been prepared utilizing information provided by third party sources or the user. As such, Hydro Tech relies upon these sources and has recorded findings, conclusions and opinions based upon this information. Hydro Tech cannot attest to the accuracy of this information but where possible had attempted to verify the information.

This Phase I ESA Report is not intended to serve or be construed as a regulatory compliance report for the property. No legal opinions are provided with this report.

It should be noted that the USEPA has determined in their final ruling (40 C.F.R. Part 312, Standards and Practices for All Appropriate Inquires) of November 1, 2005 that "persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule." Therefore, while all appropriate inquiry could be considered satisfied as this ESA was prepared in exceedances(s) of the ASTM E1527-05 standard, persons attempting to utilize this ESA while seeking one of CERCLA's LLPs must note that; a) they will not maintain CERCLA liability protections unless they also comply with all of the continuing obligations established under the statute that are beyond the scope of this practice (ASTM E1527-05) and investigation; and b) in order to qualify for one of the CERCLA LLPs, the person commissioning the Phase I Environmental Site Assessment must have provided site-specific information (if available) to Hydro Tech before the date of this ESA, otherwise a determination could be made that all appropriate inquiry is not complete.

As defined by ASTM, a Data Gap is defined as an inability to obtain information during the Phase I process, as required under the Standard, despite a good faith effort by the Environmental Professional to obtain this information. The Phase I ESA report must contain information pertaining to Data Gap(s) and evaluate their relative significance.

The following table provides a breakdown of the Data Gap(s) encountered and their relative significance.

Data Gap	**Significance**
Site History – not conducted to time of first development and/or 5 year intervals.	Low – unlikely to alter conclusions due to findings of other resource(s).
No environmental lien provided.	Low – unlikely to alter conclusions due to findings of other resource(s).
Municipal Records – FOIAs not returned as of date of report.	Unknown – Any FOIA responses that alter the conclusions of the report will be provided upon receipt.

Due to other historical information obtained over the course of this investigation, Hydro Tech does not consider these data failures/data gaps significant, as they appear unlikely to have affected potential Recognized Environmental Conditions at the Subject Property.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Subject Property Vicinity

The Subject Property is located on the west side of Richmond Terrace and Stuyvesant Place, between Nicholas Place to the north and Hamilton Avenue to the south, in the borough of Staten Island, NY. The borough of Staten Island is situated in the southern portion of New York City.

The vicinity of the Subject Property consists of commercial and residential properties. The ground surfaces in the vicinity of the Site consist of asphalt, bare soil and concrete.

3.2 Subject Property Description

The address of the Subject Property is identified as 178 to 194 Richmond Terrace, 8, 18 and 22 to 26 Stuyvesant Place, Staten Island, NY. The Subject Property is approximately 89,800 square feet in area and is currently a vacant lot containing trees and other vegetation. The ground surface throughout the property is bare soil. Miscellaneous debris and broken fences are scattered throughout the Subject Property. Concrete building foundations were identified in the northern portion of the Subject Property. These foundations were observed to be in new condition and are part of a development that was halted during 2004 when development plans expanded to include additional lots. ***Appendix A*** provides photographs of the Subject Property.

Access to the Subject Property is via Richmond Terrace and Stuyvesant Place to the east and Hamilton Avenue to the south. The Subject Property is not connected to the municipal water, gas and electric services.

The topography of the Subject Property is uneven throughout the Site and the topography of the vicinity is sloping towards the northeast. **Figure 1** provides a Site Plan.

3.3 Adjacent Land Use

The Subject Property is located in a residential and commercial area. The following properties were identified immediately adjacent to the Subject Property:

Direction	Adjacent Parcel	Surrounding Parcels
North	Parking lot, residential	Residential
South	Residential	Residential / Commercial
East	Commercial (coffee shop) and municipal offices	Residential
West	Residential	Residential / Commercial

Hydro Tech does not believe that the present uses of the adjacent properties identified above should impact upon the environmental quality of the Subject Property.

3.4 Proximity to Environmentally Sensitive Areas

The results of the Site inspection and an evaluation of the United States Geological Survey (USGS) 7-½ Minute Topographic Map containing the properties indicate there are no sensitive receptors present within a 0.125-mile radius of the Subject Property.

3.5 Environmental Setting

The Site is located in the northern portion of Richmond County, New York. The elevation of the Subject Property is approximately 14 feet above mean sea level (USGS 7 ½-Minute Jersey City, New York

Quadrangle, 1969, Photo revised 1981).

During the Jurassic Period (230-198 million years ago) sediment of the Newark basin was lithified into the sedimentary rocks that characterize the vicinity of the Site. The sedimentary rock units of the Newark Basin that appear as bedrock on Staten Island are known as the Stockton Formation, consisting of sandstones and arkoses; the Lockatong Formation, consisting of siltstones and shale; the Passaic Formation, consisting of shale, siltstone, sandstone and conglomerate. During the Cretaceous period of the Mesozoic era (approximately 80 million years ago), material eroded from adjacent highland areas and was deposited as coastal plain sediments that overlay the bedrock in the vicinity of the Site.

The depth to groundwater in the vicinity of the Site is estimated to be in excess of 10 feet. The groundwater flow direction in the vicinity of the Site is toward the south-southeast in the direction of the Lower New York Bay.

4.0 HISTORICAL USE

4.1 Sanborn Maps

Sanborn Fire Rate Insurance Maps for the Subject Property and its vicinity dated 1898, 1917, 1922, 1937, 1950, 1962, 1977, 1981, 1983, 1986, 1987, 1988, 1989, 1990, 1991, 1993, 1994, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, 2007 were obtained from EDR and evaluated in order to establish the history of the Site. ***Appendix B*** provides a copy of the Sanborn Fire Rate Insurance Maps.

Date	**Subject Property Shown As**	Surrounding area
1898 - 1922	Multiple 2 and 3-story dwellings (six with basements) throughout Subject Property	Residential and commercial buildings
1937 - 1962	Multiple 2 and 3-story dwellings (four with basements); Remaining portion is vacant land	Residential and commercial buildings, parking
1977- 2005	One 3-story dwelling (no basement); Remaining portion is vacant land	
2005- 2007	Vacant land	

4.2 City Directory Search

In order to further assess the property's history, available City Directory files were obtained from EDR for review. The City Directories document known occupants of specific properties and sorted by individual addresses. ***Appendix C*** provides a copy of the City Directory Search.

The following provides a listing of all documented usages of the Subject Property:

Date	**Use of Subject Property**	**Surrounding Property Use**
1928-2000	24, 22, 20, 18 and 8 Stuyvesant Place: Residential	Residences & commercial
1928-1990	170 Richmond Terrace: Retail space 172 Richmond Terrace: Residential 178 Richmond Terrace: Residential 188 Richmond Terrace: Residential 194 Richmond Terrace: Residential, clothing store in 1960	

4.3 Previous Studies

Hydro Tech requested copies of any available historical environmental reports associated with the Subject Property. Hydro Tech was provided with a September 2005 Phase I report by Singer Environmental Group, LTD. This report is provided in **Appendix D**. This Phase I ESA was performed only for Lots 82, 92, 100, 103 and 104 of the Subject Property and did not identify any RECs associated with the Subject Property.

4.4 Previous Owners

According to the property listing on Property Shark, the following provides a list of historical owners of the Site

Year	**Name Of Previous Owner(s)**
2007-2013	Liberty Towers Realty LLC

4.5 Historical Use Summary

Based on a review of available information provided and/or obtained for the Subject Property as of the date of this ESA, it appears that the Subject Property was developed prior to 1898 with several residential buildings. The historical maps indicate that six of these former dwellings at the Subject Property had basements. With the exception of one 3-story dwelling in the northern portion, the Subject Property has been vacant since 1977. The dwelling in the northern portion was demolished by 2005.

No evidence of former basements was observed at the Subject Property indicating the presence of fill material. The presence of unknown fill material may have impacted upon the environmental quality of the Subject Property and should be considered a REC.

Heating oil tanks were commonly used in residential dwellings during the time period that the Subject Property was developed (1898 through 1977). Additionally, properties in the immediate vicinity of the Subject Property appear to utilize heating oil tanks. Given the site history and observations at nearby properties, the presence of heating oil tanks may have impacted upon the environmental quality of the Subject Property and should be considered a REC.

5.0 RECORDS REVIEW

5.1 Environmental Databases

Federal, State, Local and Tribal hazardous waste databases were reviewed with respect to the Subject Property and surrounding properties. ASTM E 1527 specifies the search area for each database. In addition, all orphan sites (those without adequate information for mapping purposes) listed in the database search were also reviewed, evaluated and incorporated (as needed). ***Appendix D*** provides a copy of the Database Search Results. The following databases, with the appropriate search radius, were reviewed:

ASTM Standard Environmental Record Source	**Approx. ASTM Minimum Search Distance (MSD)**	**Number of Mapped Sites within MSD**	**Number of Orphan Sites**
1. NPL (Superfund) *National Priorities List*	1.0 Mile	0	0
2. Delisted NPL Site *Delisted National Priorities List Site*	0.5 Mile	0	0
3. CERCLIS *Comprehensive Environmental Response Compensation & Liability Information System*	0.5 Mile	0	1
4. CERCLIS NFRAP *CERCLIS No Further Remedial Action Planned Site*	0.5 Mile	0	0
5. RCRA-TSD CORRACTS *Resource Conservation & Recovery Treatment/Storage/Disposal Facility Subject to Corrective Action*	1.0 Mile	0	0
6. RCRA-TSD *Resource Conservation & Recovery Treatment/Storage/Disposal Facility (Non-Corrective Action)*	0.5 Mile	0	0
7. RCRA-LG *Resource Conservation & Recovery Large Quantity Generator*	Site & Adjoining	0	2
8. RCRA-SG *Resource Conservation & Recovery Small Quantity Generator*	Site & Adjoining	0	1
9. ERNS *Emergency Response Notification System*	Property Only	0	0
10. Local / State / Tribal UST, PBS *Registered Storage Tanks*	Site & Adjoining	1	0
11. Local / State / Tribal LTANKS *Leaking Underground Storage Tanks*	0.5 Mile	21	0
12. State Spill Incidents *NYSDEC Spill Sites*	0.125 Mile	4	3
13. Local / State / Tribal SWF *Solid Waste Facility / Landfill*	0.5 Mile	0	0
14. Local / State / Tribal CERCLIS *Inactive Hazardous Waste Disposal Site*	0.5 Mile	0	0
16. Inst. / Engineering Controls *Registry of Institutional and/or Engineering Controls*	Property Only	0	0
17. Voluntary Cleanup Program Sites *Local / State / Tribal VCP Sites*	0.5 Mile	0	3
18. Brownfield Sites *Local / State / Tribal Brownfield Sites*	0.5 Mile	0	0

19. Non-ASTM Record Source(s)	Not Applicable	No MSD has been established by ASTM for these sources

The review and evaluation of the above Federal and State/Tribal/Local Databases indicates that the Subject Property was not identified in any of the searched databases.

Five (5) properties are listed in the NY Spills database within a 0.125-mile radius of the Subject Property. One of the spill sites is located adjacent to the south of the Subject Property. This adjacent site is listed for two closed spill incidents, #8603334 and #9613326, and is also listed in the NYSDEC PBS database under Facility ID 2-056170. The property is registered for two 25,000-gallon active fuel oil USTs. Spill case #8603334 was reported and closed during August 1986 and the NYSDEC records indicate that the cleanup meets standards and only impacted soil. NYSDEC records for spill case #9613326 indicate that is was reported and closed during February 1997 and that the release was caused by a vehicle leak. The spill was cleaned up by the responsible party and only impacted soil.

Four of the five Spill sites have been cleaned up to the satisfaction of the NYSDEC and are listed as closed, while the remaining site is active. The active site is located 561 feet to the southeast and crossgradient to the Subject Property. None of the NY Spill sites should impact upon the environmental quality of the Subject Property.

Twenty one (21) sites are listed in the Leaking Underground Storage Tanks (LUSTs) database within a ½ mile radius of the Subject Property. One of the sites is located adjacent to the south of the Subject Property and was also listed in the NY Spills and PBS databases. This adjacent site is listed in the LUST database for spill #0803628; NYSDEC records indicate that the tank test failure was due to faulty gauges that were replaced and the spill case was closed during July 2008. Twenty two of the 24 LUSTs have been cleaned up to the satisfaction of the NYSDEC and are considered closed; the remaining two LUST sites are active. One of the active LUST sites is located 1,743 feet southeast and crossgradient of the Subject Property. The remaining active LUST site is located 2,139 feet south and downgradient of the Subject Property. Due to the spill status, location and proximity, none of the LUST sites should impact upon the environmental quality of the Subject Property.

None of the remaining properties identified in the databases, including Orphan Sites, should impact upon the environmental quality of the Subject Property.

5.2 Municipal Records

Freedom of Information Act (FOIA) requests were issued to the following regulatory agencies with respect to the Subject Property. All reasonably ascertainable municipal records are provided with this report. . ***Appendix E*** provides copies of the municipal documents.

- New York City Department of City Planning
- New York City Department of Building
- New York City Department of Housing Preservation and Development
- New York City Department of Health
- New York City Bureau of Fire Department
- New York State Department of Environmental Conservation
- New York City Department of Environmental Protection

New York City Department of City Planning
A FOIA request was submitted to the New York City Zoning Department. The New York City Zoning Department indicates the Subject Property is zoned R6 with a commercial overlay of C2-2. The Little "E" Restriction for the Subject Property is listed as "N/A- not applicable". The Department of Finance Occupancy Code for Subject Property is listed as "A5-1 Family Dwelling" and "V1 Vacant Land".

New York City Department of Building
A FOIA request was submitted to the New York City Department of Building (NYCDOB). The Subject Property is identified as 27-33 Hamilton Avenue, 8, 18, and 22-26 Stuyvesant Place, and 180-194 Richmond Terrace, Staten Island, NY. The Tax Map number for the Subject Property is Block 13 and Lots 75, 78, 79, 80, 81, 82, 92, 100, 103 and 104. The NYCDOB records indicate that there are 3 open DOB violations, 1 open complaint and 1 open Environmental Control Board (ECB) violation. The violations are related to working without permits and stalled construction. The NYCDOB records further indicate that the Subject Property is associated with 25 jobs and 18 actions. The jobs and actions are related to construction, demolition, permits, zoning, alterations and building notices.

The NYCDOB records do not provide any Certificates of Occupancy for the Subject Property.

New York City Department of Housing Preservation and Development
A FOIA request was submitted to the New York City Department of Housing Preservation and Development (NYCHPD). The NYCHPD records indicate no open violations are listed for the Subject Property.

New York City Department of Health
A FOIA request was submitted to the New York City Department of Health (NYCDOH). The NYCDOH has assigned FOIL log number 2013FR03485 to the request. Any information provided by the NYCDOH will be provided as soon as it has been received and evaluated.

New York City Bureau of Fire Prevention
A FOIA request was submitted to the New York City Bureau of Fire Prevention (NYCBFP). The NYCBFP has indicated that they do not maintain any records on the Subject Property.

New York State Department of Environmental Conservation
A FOIA request was submitted to the New York State Department of Environmental Conservation (NYSDEC). As of the date of this report, the NYSDEC has not responded to our initial search request or subsequent follow-up calls. Any information provided by the NYSDEC will be provided as soon as it has been received and evaluated.

New York City Department of Environmental Protection

A FOIA request was submitted to the New York City Department of Environmental Protection (NYCDEP). The NYCDEP has assigned the request the following FOIL log numbers: 108937, 108938, 108939, 108940, 198941, 108942, 108943 and 108944. Any information provided by the NYCDEP will be provided as soon as they have been received and evaluated.

6.0 SITE RECONNAISSANCE

Ms. Sasha Rothenberg of Hydro Tech performed the site reconnaissance portion of the Phase I Assessment on December 16th, 2013. The weather during the inspection was sunny and approximately 25 degrees Fahrenheit.

Hydro Tech inspected all accessible portions of the Subject Property. The following pertinent information was obtained during the Subject Property Reconnaissance:

1. Industrial Processes:

   No industrial processes were observed at the Subject Property. No evidence of historical industrial processes was observed at the Subject Property.

2. Suspect Asbestos-Containing Materials:

   No visual evidence of suspect asbestos containing material (ACM) was identified at the Subject Property.

3. Suspect Lead-Based Paint:

   No visual evidence of peeling paint was identified at the Subject Property.

4. Drum Storage Areas:

   No current or former drum storage areas were observed at the Subject Property.

5. Storage Tanks:

   No visual evidence of underground storage tanks (USTs) or aboveground storage tanks (ASTs) was identified at the Subject Property. No evidence of former ASTs or USTs was identified at the Subject Property.

6. Subsurface Drainage Structures/Drains/Sumps:

   No subsurface drainage structures, such as leaching pools, cesspools, or drywells were observed at the Subject Property. No evidence of former subsurface drainage structures was observed at the Subject Property.

   No evidence of current or former septic/waste water/storm water discharge systems is identified at the Subject Property. The Subject Property is located in a well-served area in the New York City with a publicly managed combined sewer system.

   No floor drains were observed at the Subject Property. No evidence of former floor drains was identified at the Subject Property.

   No sumps were observed inside the building at the Subject Property. No evidence of former sumps was identified inside the building at the Subject Property.

7. PCB-Containing Equipment:

   No PCB-containing equipment was identified at the Subject Property.

8. Monitoring / Potable Water Wells:

   No potable water wells were observed at the Subject Property.

   The Subject Property does not utilize wells for the generation of potable water.

   No monitoring wells were identified on the adjacent properties.

   No monitoring wells were identified at the Subject Property.

9. Mold

   No visual evidence of mold was identified at the Subject Property.

10. Pits, Ponds, or Lagoons:

    No waste disposal pits, ponds, or lagoons were observed at the Subject Property. No evidence of former pits, ponds, pools of liquid or lagoons were observed at the Subject Property.

11. Wetlands

    No evidence of wetlands or wetlands growth is identified at the Subject Property. The location of the Subject Property and its vicinity do not appear in the USA National Wetlands Inventory.

12. Staining/Stressed Vegetation:

    No significant staining was identified at the Subject Property. No stressed vegetation was observed at the Subject Property.

13. Fill / Land Disposal / Solid Waste:

    No visual areas of fill or evidence of land disposal of solid waste material(s) were observed at the Subject Property.

14. Engineering Controls:

    No engineering controls were noted at the Subject Property.

15. Odors/Air Emissions:

    No odors indicative of a petroleum, chemical or hazardous substance spill or release were identified at the Subject Property. No evidence of air emissions or air emission equipment was identified at the Subject Property.

16. Hazardous Substance / Petroleum Containers:

    No evidence of suspect hazardous substance or other petroleum containers were identified at the Subject Property.

17. Radon:

    USEPA's recommended action level is 4 picoCuries/liter and the average radon gas concentrations predicted in the Manhattan area is 2 picoCuries/liter. Since Staten Island is located in a Low Radon Potential area, radon gas should not represent a potential environmental concern that would warrant the sampling for radon gas at the Subject Property.

7.0 CLIENT / USER-PROVIDED INFORMATION & INTERVIEWS

7.1 Client/User-Provided Information

During the course of the Phase I Assessment, interviews were conducted with respect to the operation and history of the Site and a Client/User Questionnaire was provided.

1. The client/user provided no records to Hydro Tech's request for information associated with Environmental Liens or Activity and Use Limitations against the property that may have been filed or listed under federal, tribal, state, or local law.

2. The client/user reported no specialized or actual knowledge or experience related to any potential Recognized Environmental Conditions at the Subject Property or nearby properties.

3. The client/user did not respond to Hydro Tech's request for information regarding the relationship of the purchase price of the property to fair market value, specifically if it has been adjusted due to the known or potential presence of on-site contamination.

4. The client/user reported no commonly known information or information within the local community regarding past use(s) of the property (including the storage and/or release of chemicals, hazardous substances, petroleum products, etc.) that could have affected the environmental integrity of the subject site.

5. The client/user could not confirm whether no environmental contamination or cleanups have occurred at the property in the past.

6. Hydro Tech Environmental provided the Questionnaire for the client/user to complete. The user did not provide the completed questionnaire to Hydro Tech for review.

7.2 Interviews

During the course of the Phase I Assessment, interviews were conducted with key site personnel with respect to the operation and history of the Subject Property. The following key site personnel were interviewed:

- John Pitera, Broker

The following information was provided:

- The foundations in the northern portion of the Subject Property were part of a development that was halted during 2004 as additional lots were purchased.

The interview did not reveal the presence of any other potential Recognized Environmental Conditions in connection with the subject site, and did not provide any additional information with respect to the environmental integrity of the subject property that was not obtained from other sources over the course of this investigation.

In addition, although an interview with the former owner(s) was not possible as none were provided to HTE as of the date of this ESA, we do not believe that any such owner(s) would have additional material information regarding the potential for contamination at the property that was not obtained from other sources over the course of this investigation.

8.0 CONCLUSIONS

Hydro Tech has performed a Phase I Environmental Site Assessment at the Subject Property, and has identified the following Recognized Environmental Conditions (RECs):

- The presence of unknown fill material (§4.0)
- The suspect presence of heating oil tanks (§4.0)

9.0 CREDENTIALS & DECLARATION

9.1 Credentials

In accordance with ASTM E 1527, the credentials of those personnel directly involved with the production of this Phase I are provided with this report. ***Appendix G*** provides a copy of the personnel credentials.

9.2 Environmental Professional Declaration

We declare that to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in 40 CFR Part 312. We have the specific qualifications based on education, training and experience to access a property of the nature, history and setting of the Subject Property. Only where indicated we have developed and performed the AAIs in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

10.0 REFERENCES

1. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-05, American Society for Testing and Materials, West Conshohocken, PA.

2. Principals of Groundwater Engineering, William C. Walton, Lewis Publishers, Inc., 1991.

3. The Long Island Ground Water Pollution Study, New York State Department of Environmental Conservation, 1972.

4. *Geochemical traverse across Cameron's Line, Boro Hall Park, Bronx, New York*, Cadmus, D., Hodgson, R., Gatto, L.M., and Puffer, J.H., Geology Department, Rutgers University, Newark, NJ.

5. *EDR Environmental Data Resources, 24 Stuyvesant Place and 178 Richmond Terrace, Staten Island, NY, December 12, 2013.* The EDR – Aerial Photographs, Milford, Connecticut.

6. *EDR Environmental Data Resources, 24 Stuyvesant Place and 178 Richmond Terrace, Staten Island, NY, December 12, 2013.* The EDR – City Directory Abstract, Milford, Connecticut.

7. *EDR Environmental Data Resources, 24 Stuyvesant Place and 178 Richmond Terrace, Staten Island, NY, December 12, 2013.* The EDR – Radius Map, Milford, Connecticut.

8. Property Shark Property Profile for *24 Stuyvesant Place and 178 Richmond Terrace, Staten Island, NY, December 12, 2013.* from *http://www.propertyshark.com/mason/.*

9. Long Island Home Inspection, (n.d.), Radon on Long Island, from *http://www.longislandhomeinspection.com/content/radon-long-island*

9. U.S Fish Wildlife Services National Wetlands Inventory http://www.fws.gov/wetlands/Wetlands-Mapper.html

11.0 EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client. No warranty, expressed or implied, is made whatsoever in connection with this report.

In preparing this report, Hydro Tech Environmental, Corp. may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to Hydro Tech Environmental, Corp. at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, Hydro Tech Environmental, Corp. did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a Subject Property (ASTM E 1527-05 Section 4.5.1). The intent of an environmental site assessment is to reduce but not eliminate uncertainty regarding the presence of potential RECs within reasonable limits of both time and cost.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, Hydro Tech Environmental, Corp. renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non-hazardous or hazardous materials, in that portion of the subject property or structure. In addition, Hydro Tech Environmental, Corp. renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Hydro Tech Environmental, Corp. did not perform testing or analyses to determine the presence or concentration of asbestos or lead-based paint at the Subject Property or in the environment of the subject property under the scope of the services performed.

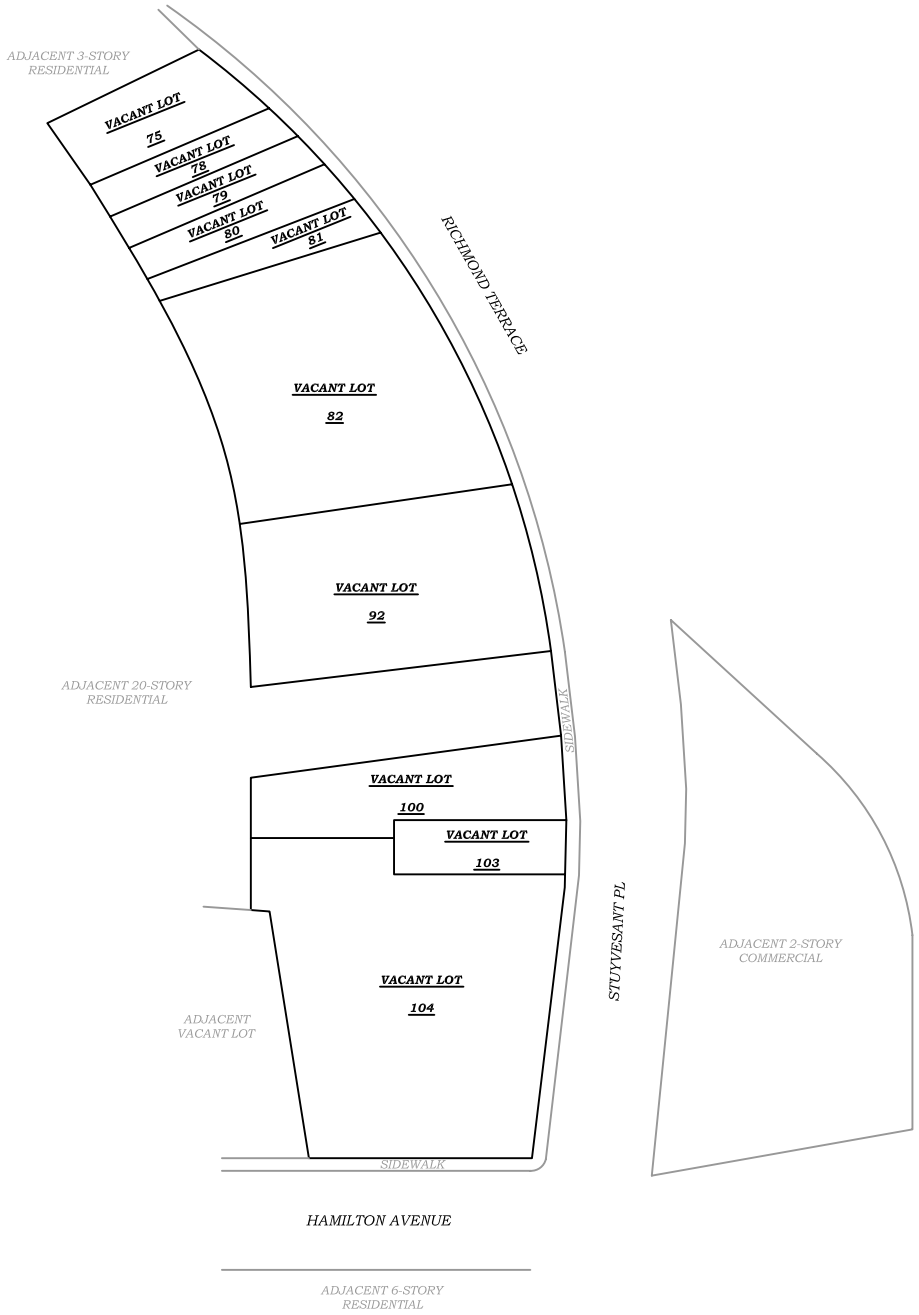
Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

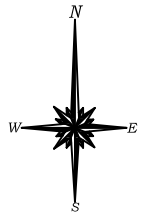
Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where an outside laboratory, Hydro Tech Environmental, has conducted such analyses Corp. has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly. If in the opinion of the Client/User or any third party claiming reliance on this report, that Hydro Tech was negligent or in breach of contract, such aforementioned parties shall have 6 months from the date of Hydro Tech's visit to make a claim.

This report was prepared solely for the use of the Client/User and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold Hydro Tech harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

FIGURES





0' 60' 120'
SCALE IN FEET (FT.)

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178 Richmond Terrace
&
24 Stuyvesant Place
Staten Island, NY
HTE Job # 130348

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 01/02/13
Scale: AS NOTED

TITLE:

FIGURE 1: SITE PLAN

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January 21st, 2014

Mr. Bryan Rubin
Richmond Liberty LLC
825 3rd Avenue, 37th floor
New York, New York 10022

Re: 178 Richmond Terrace, Staten Island, NY & 24 Stuyvesant Place, Staten Island, NY
Block 13, Lots 75, 78, 79, 80, 81, 82, 92, 100, 103 and 104
Phase II Environmental Site Assessment

Dear Mr. Rubin

This letter is intended to provide you with the results of the recent Phase II investigation conducted at the above-referenced property. The scope of work for this investigation was based upon excerpts of findings from our recent Phase I Environmental Site Assessment (ESA) and is intended to determine if the following REC(s) have impacted the environmental quality of the site:

- The presence of unknown fill material
- The suspect presence of heating oil tanks

SITE DESCRIPTION

The address of the Subject Property is identified as 178 to 194 Richmond Terrace, 8, 18 and 22 to 26 Stuyvesant Place, Staten Island, NY. The Subject Property is approximately 89,800 square feet in area and is currently a vacant lot containing trees and other vegetation. The ground surface throughout the property is bare soil. Miscellaneous debris and broken fences are scattered throughout the Subject Property. Concrete building foundations were identified in the northern portion of the Subject Property. These foundations were observed to be in new condition and are part of a development that was halted during 2004 when development plans grew to include additional lots.

Access to the Subject Property is via Richmond Terrace and Stuyvesant Place to the east and Hamilton Avenue to the south. The Subject Property is not connected to the municipal water, gas and electric services. The topography of the Subject Property is uneven throughout the Site and the topography of the vicinity is sloping towards the northeast. **Figure 1** provides a Site Plan.

FIELDWORK

The field portion of the investigation was performed on January 8th and 9th, 2014 and involved the performance of a Ground Penetrating Radar survey and the installation and sampling of twelve (12) soil probes. Prior to the commencement of the fieldwork, a New York One-Call Public Utility mark-out was requested. Confirmation number **140080931** was issued to the mark-out. **Attachment #1** contains photographs of the fieldwork.

GPR Survey

The GPR survey was performed to determine if any anomalies, including underground storage tanks (USTs), are present at the Site and to clear all sampling locations of any potential subsurface obstruction. The GPR survey was performed utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The difference in amplitude obtained during each scan is graphically displayed on the Control Unit, which are then interpreted by the GPR operator at the time of the survey. Additional interpretations are then conducted in the office using computer software.

No anomalies indicative of USTs were identified during the GPR survey. The survey also cleared all sampling locations of subsurface obstructions.

Soil Probes

Twelve (12) soil probes, designated SP-1 to SP-12, were installed at the Site. Soil probes SP-1 to SP-6 were installed in the northern portion of the Site and soil probes SP-7 to SP-12 soil probes were installed in the southern portion of the Site. Previous **Figure 1** provides a sampling plan.

The soil probes were installed utilizing Hydro Tech's Tractor Geoprobe® unit. This unit installs soil probes utilizing direct-push technology. Soil samples were collected utilizing a four-foot long Macro core sampler fitted with dedicated acetate liners. Each sampler was installed with 1½-inch diameter drill rods. All soil probes were installed to twelve (12) feet below grade surface (bgs). No groundwater was encountered during the installation of soil probes.

Soil samples were obtained from each soil probe location on continuous 2-foot intervals. Each soil sample was characterized in the field and screened for organic vapors utilizing a Photoionization Detector (PID). The general soil type beneath the Site consists of brown, medium to fine grained sand with pebbles. No organic vapor or visual/olfactory evidence of petroleum contamination was noted in any of the soil borings. Soil probe logs are provided as **Attachment #2**.

Based upon the requirements set forth in the scope of work, one soil sample was collected from each soil probe. Each soil sample was placed into pre-cleaned laboratory containers and appropriately labeled. The following soil samples from each soil probe were analyzed for confirmatory analyses at a State-certified laboratory:

Soil Probe (SP)	Depth Interval (Feet)
SP-1	10 to 12
SP-2	6 to 8
SP-3	0 to 2
SP-4	2 to 4
SP-5	8 to 10
SP-6	4 to 6
SP-7	0 to 2
SP-8	2 to 4
SP-9	6 to 8
SP-10	10 to 12
SP-11	4 to 6
SP-12	8 to 10

All soil samples were placed in a cooler filled with ice and maintained at 4 degrees Celsius. The samples were transmitted under proper chain of custody procedures to a State-certified laboratory and were analyzed for volatile organic compounds (VOCs) via EPA Method 8260 and semi-volatile organic compounds (SVOCs) via EPA Method 8270 BN and RCRA Metals. **Attachment #3** provides the laboratory reports.

Investigatory Derived Waste

All investigatory-derived waste was placed in one (1) 55-gallon drum, which is currently secured with Hydro Tech. Once disposal arrangements with a proper disposal facility have been completed, the drum will be disposed of in accordance to DER-10 Technical Guidance for Site Investigation and Remediation (May 2010).

ANALYTICAL RESULTS

Soil Results

Tables 1, 2 and **3** provide the analytical results for the soil samples collected from SP-1 to SP-12. Concentrations reported in **Tables 1, 2** and **3** are in milligrams per kilogram (mg/kg). **Table 1, 2** and **3** also provides a comparison of the analytical results to the 6 NYCRR Part 375 Unrestricted Use and Restricted Residential Soil Cleanup Objectives (SCO). As **Table 1** indicates, no VOCs were detected in any of the soil samples at concentrations exceeding their respective Unrestricted Use SCOs. Two VOCs, Toluene and Benzene, were detected in the soil sample collected from boring SP-4 at a concentration exceeding the Method Detection Limit (MDL) but well below the Unrestricted SCO.

As **Table 2** indicates, no SVOCs were detected in any of the soil samples at concentrations exceeding the MDLs.

As **Table 3** indicates, Selenium was detected in all of the soil samples at concentrations exceeding the Unrestricted SCO but below the Restricted Residential SCO. Lead was detected in the soil samples from SP-7 and SP-9 at concentrations exceeding the Unrestricted SCO but below the Restricted Residential SCO (maximum of 99.7 mg/kg). Mercury was detected in the soil sample from SP-9 at a concentration 2.41 mg/kg, which exceeds both the Unrestricted SCO and Restricted Residential SCO

DISCUSSION OF RESULTS

The GPR survey did not identify any anomalies indicative of underground storage tanks at the Site.

Based upon the analytical results discussed above, no evidence of a significant adverse impact related to urban fill material or heating oil tanks was identified in the soil at the Site. This is evidenced by the analytical results from the soil samples collected from soil probes SP-1 through SP-12 in which only three metals were detected at concentrations exceeding regulatory standards. No VOCs or SVOCs were detected in the soil at the Site at concentrations exceeding the most stringent regulatory standards.

CONCLUSIONS AND RECOMMENDATIONS

Based upon the findings of this investigation, no significant adverse impacts from urban fill material or heating oil tanks was found at the Site.

Due to the presence of metals in the soil at concentrations exceeding unrestricted regulatory standards, any soil removed from the Site should be disposed of at a proper facility in accordance with all Federal, State and Local laws and regulations.

Should you have any questions or comments, please feel free to contact me at your convenience.

Very Truly Yours,
Hydro Tech Environmental, Corp.

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Environmental Scientist

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EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, **Hydro Tech Environmental, Corp.** may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to **Hydro Tech Environmental, Corp.** at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, **Hydro Tech Environmental, Corp.** did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental, Corp**. renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Hydro Tech Environmental, Corp. did not perform testing or analyses to determine the presence or concentration of asbestos at the subject property or in the environment of the subject property under the scope of the services performed.

The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where such analyses have been conducted by an outside laboratory, **Hydro Tech Environmental, Corp**. has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary “screening” level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this subject property assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the subject property.

FIGURES

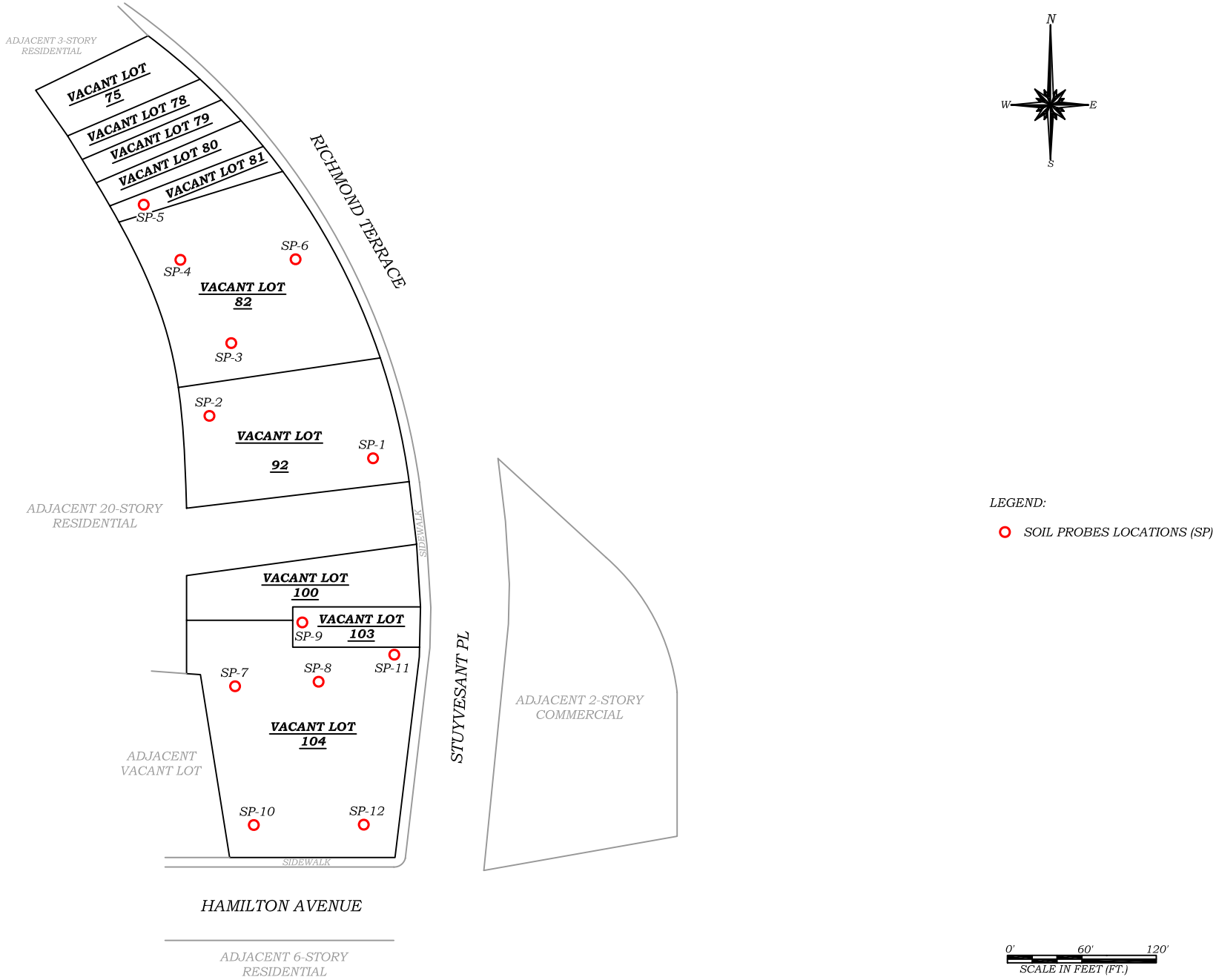

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FIGURE 1: SITE & SAMPLING PLAN

TABLES

Table 1
Soil Samples Analytical Results for VOCs
178 Richmond Terrace and 24 Stuyvesant Place, Staten Island, NY

Sample ID	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7	SP-8	SP-9	SP-10	SP-11	SP-12	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives mg/kg dry
Sampling Depth (ft)	10'-12'	6'-8'	0'-2'	2'-4'	8'-10'	4'-6'	0-2'	2'-4'	2'-4'	6'-8'	4'-6'	8'-10'	
Sampling Date	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Units	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	
Volatile Organics, 8260 List													
Benzene	<0.00106	<0.00108	<0.000963	**0.00259**	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.06
Bromobenzene	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
Bromochloromethane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
Bromodichloromethane	<0.00531	<0.00538	<0.00481	<0.00519	<0.00535	<0.00649	<0.00573	<0.00250	<0.00530	<0.00250	<0.00519	<0.00523	NS
Bromoform	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
Bromomethane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
sec-Butylbenzene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	11
n-Butylbenzene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	12
tert-Butylbenzene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	5.9
Carbon tetrachloride	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	0.76
Chlorobenzene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	1.1
Chloroethane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
Chloroform	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.37
Chloromethane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
2-Chlorotoluene	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
4-Chlorotoluene	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
1,2-Dibromo-3-chloropropane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
Dibromochloromethane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00130	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
1,2-Dibromoethane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00130	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
Dibromomethane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00214	<0.00260	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
1,2-Dichlorobenzene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	1.1
1,3-Dichlorobenzene	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00130	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	2.4
1,4-Dichlorobenzene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00260	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	1.8
Dichlorodifluoromethane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
1,1-Dichloroethane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	0.27
1,2-Dichloroethane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.02
1,1-Dichloroethene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.33
cis-1,2-Dichloroethene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.25
trans-1,2-Dichloroethene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.19
1,3-Dichloropropane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
2,2-Dichloropropane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
1,2-Dichloropropane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
trans-1,3-Dichloropropene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
1,1-Dichloropropene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
cis-1,3-Dichloropropene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
Ethylbenzene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	1
Hexachlorobutadiene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
Isopropylbenzene	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
4-Isopropyltoluene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
Methyl-Tert-Butyl-Ether	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.00130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00209	0.93
Methylene chloride	<0.0106	<0.0108	<0.00963	<0.0104	<0.0107	<0.0130	<0.0115	<0.0125	<0.0106	<0.0125	<0.0104	<0.0105	0.05
n-Propylbenzene	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	3.9
Styrene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
1,1,2,2-Tetrachloroethane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
1,1,1,2-Tetrachloroethane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
Tetrachloroethene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	1.3
Toluene	<0.00106	<0.00108	<0.000963	**0.00219**	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.7
1,2,3-Trichlorobenzene	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
1,1,1-Trichloroethane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.68
1,1,2-Trichloroethane	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	NS
Trichloroethene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	0.47
Trichlorofluoromethane	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	NS
1,2,3-Trichloropropane	<0.00531	<0.00538	<0.00481	<0.00519	<0.00535	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00523	NS
1,2,4-Trimethylbenzene	<0.00106	<0.00108	<0.000963	<0.00104	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00125	<0.00104	<0.00105	3.6
1,3,5-Trimethylbenzene	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	8.4
Vinyl chloride	<0.00213	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00250	<0.00208	<0.00209	0.02
m + p-Xylene	<0.00106	<0.00215	<0.00193	<0.00208	<0.00214	<0.00260	<0.00229	<0.00250	<0.00212	<0.00125	<0.00104	<0.00105	0.26
o-Xylene	<0.00213	<0.00108	<0.000963	<0.00104	<0.00107	<0.0130	<0.00115	<0.00125	<0.00106	<0.00250	<0.00208	<0.00209	0.26
Total VOCs	0	0	0	0.00478	0	0	0	0	0	0	0	0	NS

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

Table 2
Soil Samples Analytical Results for SVOCs
178 Richmond Terrace and 24 Stuyvesant Place, Staten Island, NY

Sample ID	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7	SP-8	SP-9	SP-10	SP-11	SP-12	
Sampling Depth (ft)	10'-12'	6'-8'	0'-2'	2'-4'	8'-10'	4'-6'	0-2'	2'-4'	2'-4'	6'-8'	4'-6'	8'-10'	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives mg/kg dry
Sampling Date	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	
Units	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	
Semi-Volatiles, 8270 Target List													
Acenaphthene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	20
Acenaphthylene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	100
Anthracene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	100
Benzo(a)anthracene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	1
Benzo(a)pyrene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	1
Benzo(b)fluoranthene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	1
Benzo (g,h,i) perylene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	100
Benzo(k)fluoranthene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	0.8
4-Bromophenyl phenyl ether	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Butyl benzyl pthalate	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
4-Chloroaniline	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Bis(2-chloroethoxy)methane	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Bis(2-chloroethyl)ether	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Bis(2-chloroisopropyl)ether	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
2-Chloronaphthalene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
4-Chlorophenyl phenyl ether	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Chrysene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	1
Dibenzo(a,h)anthracene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	0.33
Di-n-Butyl Phthalate	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
3,3'-Dichlorobenzidine	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Diethyl Phthalate	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Dimethyl Phthalate	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
2,4-Dinitrotoluene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
2,6-Dinitrotoluene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
D-n-n-octyl Phthalate	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
bis (2-Ethyl Hexyl) Phthalate	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Fluoranthene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	100
Fluorene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	30
Hexachlorobenzene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Hexachlorobudadiene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Hexachlorocyclopentadiene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Hexachloroethane	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Indeno (1,2,3-cd) Pyrene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	0.5
Isophorone	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
2-Methylnaphthalene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Naphthalene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	12
3-Nitroaniline	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
2-Nitroaniline	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
4-Nitroaniline	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Nitrobenzene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
N-Nitrosodiphenylamine	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
n-Nitrosodi-n-propylamine	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Phenanthrene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	100
Pyrene	<0.266	<0.269	<0.289	<0.305	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	100
1,2,4-Trichlorobenzene	<0.266	<0.269	<0.289	<0.306	<0.286	<0.270	<0.287	<0.294	<0.265	<0.312	<0.260	<0.282	NS
Total SVOCs	0	0	0	0	0	0	0	0	0	0	0	0	NS

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

Table 3
Soil Samples Analytical Results for Metals
178 Richmond Terrace and 24 Stuyvesant Place, Staten Island, NY

Sample ID	SP-1	SP-2	SP-3	SP-4	SP-5	SP-6	SP-7	SP-8	SP-9	SP-10	SP-11	SP-12	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives mg/kg dry	Restricted Use Soil Cleanup Objectives (6 NYC RR Pt.375-6.8b) - Restricted Residential mg/kg dry
Sampling Depth (ft)	10'-12'	6'-8'	0'-2'	2'-4'	8'-10'	4'-6'	0-2'	2'-4'	2'-4'	6'-8'	4'-6'	8'-10'		
Sampling Date	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014	1/9/2014		
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Units	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry	mg/kg dry		
Metals, Target Analyte														
Arsenic	**5.87**	**5.33**	**5.81**	**6.79**	**1.96**	**3.26**	**5.08**	**5.26**	**10.3**	**4.41**	**4.75**	**7.04**	13	16
Barium	**25.3**	**23.3**	**53.8**	**71.7**	**28.2**	**33.7**	**56.4**	**26.6**	**47.2**	**11.6**	**17.6**	**35.5**	350	400
Cadmium	<0.923	<0.733	**1.34**	1.33	<0.953	**0.912**	**0.939**	**1.49**	**1.27**	**1.47**	<0.752	**0.987**	2.5	4.3
Chromium	12.8	12.5	**76.6**	65.3	**17.7**	**22.8**	**30**	**60.7**	**20.1**	**45.7**	**8.75**	**15.5**	NS	NS
Lead	**6.69**	**7.44**	**44.7**	**54.5**	**10.9**	**9.11**	**99.7**	**12.8**	**99.1**	**3.8**	**8.49**	**20.3**	63	400
Mercury	<0.01	<0.02	**0.05**	**0.08**	**0.01**	**0.02**	**0.13**	<0.01	**2.41**	**0.02**	<0.01	**0.04**	0.18	0.81
Selenium	**5.69**	**4.44**	**12.2**	**11.5**	**3.98**	**8.3**	**8.65**	**15.5**	**5.44**	**20**	**4.97**	**8.12**	3.9	180
Silver	<0.923	<0.733	<0.928	<0.929	<0.953	<0.871	<0.869	<0.915	<0.794	<0.848	<0.752	<0.842	2	180

NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded values represent concentration exceeding Unrestricted Use SCOs
Blue shading indicates exceedance of Restricted Residential SCO

Soil Map—Richmond County, New York
(Liberty Towers, Staten Island, NY)

Map Scale: 1:1,930 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 25 50 100 150

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Richmond County, New York
Survey Area Data: Version 7, Oct 8, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 23, 2014—Aug 15, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GbD	Greenbelt loam, 15 to 25 percent slopes	3.2	21.0%
UGBl	Urban land-Greenbelt complex, 3 to 8 percent slopes, low impervious surface	0.7	4.3%
UGCl	Urban land-Greenbelt complex, 8 to 15 percent slopes, low impervious surface	5.4	34.8%
UGD	Urban land-Greenbelt complex, 15 to 25 percent slopes	0.1	0.7%
UtB	Urban land, till substratum, 3 to 8 percent slopes	3.8	24.8%
UtC	Urban land, till substratum, 8 to 15 percent slopes	2.2	14.3%
Totals for Area of Interest		**15.4**	**100.0%**

Richmond Terrace and Stuyvesant Place, SI

August 27, 2018

1:18,056

0 0.225 0.45 0.9 mi

0 0.35 0.7 1.4 km

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

NYS Department of Environmental Conservation
Not a legal document

U.S. Fish and Wildlife Service
National Wetlands Inventory

Richmond Terrance and Stuyvesant Place,

August 27, 2018

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

576,000 M
1,972,000 FEET
74°06'00"
1,974,000 FEET
577,000 M
1,976,000 FEET
74°05'00"
1,978,000 FEET
578,000 M

4,500,000 M
154,000 FEET

152,000 FEET
4,499,000 M
150,000 FEET
40°38'00"
148,000 FEET
4,498,000 M

576,000 M
1,972,000 FEET
74°06'00"
1,974,000 FEET
577,000 M
1,976,000 FEET
74°05'00"
1,978,000 FEET
578,000 M

Photomap prepared by Earth Satellite Corporation-Mark Hurd Aerial Surveys, Inc. from color infrared photographs taken 10 August through 9 October 1974.
Position and scale of photo image based on best fit to New York State Department of Transportation 7.5 minute planimetric maps.

NOTE

The position of upland features on this map may be unreliable due to relief displacements inherent in the perspective aerial photograph.

New York Transverse Mercator Grid shown at 1000 meter intervals.

Latitude and longitude ticks shown at 1 minute intervals.

2000 foot ticks based on the New York Plane Coordinate Grid, Long Island Zone.

TIDAL WETLANDS MAP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MAP 576-498

INDEX MAP NUMBER 1

COPIES OF TIDAL WETLAND MAPS AND INDEX MAPS ARE AVAILABLE FROM
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
61ST FLOOR, 2 WORLD TRADE CENTER
NEW YORK, NEW YORK 10047

SCALE 1:2400

200 0 200 400 600 800 FEET
50 0 50 100 150 METERS

LEGEND

POLITICAL BOUNDARIES:

- State
- County
- Town or City
- Incorporated Village
- Park or Reservation

Approximate location of political boundary lines based on New York State Department of Transportation 7.5 minute planimetric maps.

WETLANDS CATEGORIES:

- IM Intertidal Marsh
- HM High Marsh or Salt Meadow
- FM Coastal Fresh Marsh
- SM Coastal Shoals, Bars and Mudflats
- FC Formerly Connected Tidal Wetlands
- ds Dredge Spoil
- LZ Littoral Zone
- Areas adjacent to tidal wetlands
- Landward extent of tidal wetlands
- Wetlands category boundaries

576-498 Richmond County

National Flood Hazard Layer FIRMette

FEMA

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 — Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- 513 — Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/27/2018 at 7:23:08 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

D-3

Phase II Environmental Site Investiation

Prepared by Tenen Environmental

LANGAN

Phase II Environmental Site Investigation Report

For

River North

170-194 Richmond Terrace and 8-20 Stuyvesant Place

Staten Island, New York

Tax Block 13, Lots 8 (partial), 82, 92 and 100

CEQR #20DCP140R

Prepared for:

Richmond SI Owner LLC

c/o Madison Realty Capital

520 Madison Avenue, Suite 3501

New York, NY 10022

Prepared by:

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New York, NY 10001

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(646) 606-2332

February 2021

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Figure 3 – Soil Analytical Results

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Appendix 1 – Laboratory Deliverables
Appendix 2 – Soil Boring Logs
Appendix 3 – Soil Vapor Logs

1.0 INTRODUCTION

This Phase II Environmental Site Investigation (Phase II ESI) was prepared by Tenen Environmental, LLC (Tenen) on behalf of Richmond SI Owner LLC c/o Madison Realty Capital for submittal to New York City Department of Environmental Protection (NYCDEP).

In January 2014, Hydro Tech Environmental, Corp (Hydro Tech) prepared a Phase I Environmental Site Assessment (Phase I ESA) for the properties located at 170-194 Richmond Terrace and 8-20 Stuyvesant Place, Staten Island, New York (Site). Recognized Environmental Conditions (RECs) pertaining to onsite fill material and the suspect presence of heating oil tanks were identified in connection with the Site. Subsequent to the Phase I ESA, Hydro Tech performed a Phase II ESA at the Site in January 2014. The Phase II ESA indicated the presence of metals in exceedance of applicable standards in soil at the Site. In August 2018, a second Phase I ESA was performed for the Site by Environmental Business Consultants (EBC). The EBC Phase I ESA did not identify any RECs in connection with the Site, but did identify one environmental concern pertaining to the potential presence of onsite fill material and the presence of metals in exceedance of applicable standards identified in Hydro Tech's Phase II ESA. In April 2020, Tenen performed a Limited Due Diligence Site Investigation (LDDSI) at the Site. The LDDSI indicated the presence of historic fill material, in exceedance of applicable standards in soil at the Site. In addition, the LDDSI indicated the presence of the chlorinated volatile organic compounds (cVOCs) tetrachloroethene (PCE) and a variety of petroleum-related volatile organic compounds (VOCs) in soil vapor samples collected at the Site.

The goal of the Phase II ESI was to further assess impacts pertaining to the chemicals of concern identified in soil and soil vapor at the Site, as well as to investigate the groundwater quality, if present.

On January 18, 19, and 21, 2021, Tenen conducted soil and soil vapor sampling at the Site. Groundwater was not encountered at the Site during this Phase II ESI. This report provides a summary of the investigation findings, including the results of the laboratory analysis, and recommended steps.

2.0 SITE LOCATIONS, CURRENT USE AND PROPOSED DEVELOPMENT PLAN

The Site, located at 170-194 Richmond Terrace and 8-20 Stuyvesant Place, Staten Island, New York (Tax Block 13, Lots 8 [partial], 82, 92, and 100) is an irregularly-shaped parcel located on the northern corner of Stuyvesant Place and extending to the west side of Richmond Terrace. The total Site area is approximately 98,669 square feet (SF). The Site has approximately 321 feet of frontage along Richmond Terrace, approximately 184 feet of frontage along Stuyvesant Place, and approximately 133 feet of frontage along Hamilton Avenue. All four Site lots are zoned R6, a designation denoting a built-up, medium density residential area. In addition, three lots (Lots 82, 92, and 100) have a C2-2 commercial overlay. The applicant is seeking approval of a series of discretionary land use actions including zoning map amendments, and a special permit to facilitate the Proposed Development Plan, as described further below. In connection with that application, the City Planning Commission issued a Positive Declaration for the Site (CEQR #20DCP140R) on October 16, 2020. The Site is currently vacant, vegetated with trees and overgrowth and contains remnants of building foundations associated with prior unfinished construction on the northern portion of the property.

Perched groundwater is anticipated to be seasonal and present between 25 and 35 feet below grade (ft-bg). Groundwater is assumed to be tidally influenced and flow east towards the New York Bay. potable water in this area of Staten Island. The New York Bay is the nearest surface water body and is located approximately 650 feet to the northeast.

Proposed Redevelopment Plan

The proposed redevelopment of the Site consists of three new mixed use multi-story buildings with full cellars (note that both northern buildings share a cellar) that encompass approximately 50,000-SF of the Site area (as shown on Figure 2). The cellar beneath the two buildings in the northern portion of the Site will extend to an elevation of ten feet above the 1988 North American Vertical Datum (NAVD 88) and will require excavation between 30 and 60 ft-bg, due to the varying topography across the Site. The cellar beneath the building in the southern portion of the Site will extend to an elevation of 30 feet above the NAVD 88 and will require excavation between 15 and 50 ft-bg, due to the varying topography across the Site. The entirety of the cellar in the northern portion of the Site and a portion of the cellar in the southern portion of the Site will extend into bedrock. The proposed building will contain 750 residential units, resident amenity spaces, commercial space, and parking. The development will be built in accordance with the City's Mandatory Inclusionary Housing rules, as 30% of the residential units (225 units) are planned to be affordable housing.

3.0 SUMMARY OF FINDINGS OF PREVIOUS INVESTIGATIONS

The following reports have been prepared for the Site between 2008 and 2020:

- *Geotechnical Investigation Report for Liberty Towers – Site A and Site B, Richmond Terrace, Staten Island, NY*, SESI Consulting Engineers, PC, April 7, 2008.
- *Phase I Environmental Site Assessment Report, 178 Richmond Terrace and 24 Stuyvesant Place, Staten Island, NY,* Hydro Tech Environmental, Corp, January 3, 2014.
- *Phase II Environmental Site Assessment, 178 Richmond Terrace and 24 Stuyvesant Place, Staten Island, NY,* Hydro Tech Environmental, Corp, January 21, 2014.
- *Phase I Environmental Site Assessment Report, 170-194 Richmond Terrace and 8-20 Stuyvesant Place, Staten Island, NY,* Environmental Business Consultants, August 29, 2018.
- *Limited Due Diligence Site Investigation Report, 170-194 Richmond Terrace and 8-20 Stuyvesant Place, Staten Island, NY*, Tenen Environmental, LLC, April 29, 2020.

The following is a summary of the results of the previous investigations.

Geotechnical Investigation Report, April 2008

A Geotechnical Investigation Report, dated April 7, 2008, was prepared by SESI for the Site. The Geotechnical Investigation identified the presence of a layer of fill material across the Site at thicknesses ranging from 5 to 15 ft-bg. Bedrock at the Site was detected at depths ranging from 17 to 45 ft-bg. Bedrock underlying the Site was identified as Serpentinite rock, which is known to contain naturally occurring asbestiform minerals.

Phase I Environmental Site Assessment, January 2014

A Phase I ESA, dated January 2014, was prepared by Hydro Tech for the Site. The historic uses of the Site and the Recognized Environmental Conditions (RECs) identified by Hydro Tech are summarized below.

The Site was developed sometime prior to 1898 with several residential buildings, six of which contained basements. With the exception of one three-story dwelling in the northern portion of the property, the Site has been vacant since 1977. The dwelling in the northern portion of the property was demolished by 2005.

<u>RECs:</u>

- The presence of unknown fill material; and,
- The suspect presence of heating oil tanks.

Phase II Environmental Site Assessment, January 2014

A Phase II ESA, dated January 2014, was prepared by Hydro Tech for the Site to further investigate the RECS identified in their Phase I ESA. The scope of the Phase II ESA included a ground penetrating radar (GPR) survey across the Site, the installation of twelve soil borings across the Site, and the collection of twelve soil samples. All soil samples were analyzed for VOCs, SVOCs and target analyte list (TAL) metals.

No anomalies indicative of underground storage tanks (USTs) were detected as part of the GPR survey. One metal, selenium, was detected in all twelve soil samples at concentrations exceeding Unrestricted Use Soil Cleanup Objectives (SCOs), but below Restricted-Residential Use SCOs; lead was detected in two soil samples at concentrations exceeding Unrestricted Use SCOs, but below Restricted-Residential Use SCOs; and, mercury was detected in one soil sample in exceedance of its Unrestricted Use and Restricted-Residential Use SCOs. Selenium was detected at a max. concentration of 15.5 milligrams per kilogram (mg/kg); lead was detected at a max. concentration of 99.7 mg/kg; and mercury was detected at a max. concentration of 2.41 mg/kg. VOCs and SVOCs were not detected in exceedance of Unrestricted Use or Restricted-Residential Use SCOs in any soil samples.

Phase I Environmental Site Assessment, August 2018

A second Phase I ESA, dated August 2018, was prepared by EBC for the Site. The historic uses of the Site and one environmental concern identified by ECB are summarized below.

The eastern portion of the Site was developed with several small structures, likely residences, from at least 1891. By 1909, the Site was developed with eight small residences, at the northern and southern portions. By 1917, several additional residences were constructed on the southern portion of the Site. By the late 1930s, one of the residences on the southern portion of the Site was demolished and replaced with a garage. Between the mid 1960s and late 1970s, all of the residences and the garage were demolished, with the exception of the northernmost residence. The last remaining residence was demolished circa 2005. The foundations present in the northern portion of the Site were constructed in 2006.

EBC did not identify any RECs is association with the Site. However, EBC did identify the environmental concern:

- Information obtained from various historic sources indicated that the northern and southern portions of the subject property were developed with multiple residences from at least the 1890s. The majority of the residences were demolished in the 1960s and 1970s, with the final building demolished in 2005. As such, there was potential for fill materials to be present (utilized to backfill the foundations and/or basements of the former structures following their demolition). The presence of fill materials was evaluated by Hydro Tech in 2014 as part of a Phase II ESA. No evidence of fill material was identified during the investigation; however, several soil samples contained lead, mercury, and/or selenium at concentrations slightly above applicable regulatory criteria. The presence of these metals alone does not indicate evidence of significant contamination nor do they warrant further investigation/remediation.

Limited Due Diligence Site Investigation, May 2020

An LDDSI, dated May 2020, was prepared by Tenen for the Site to further evaluate soil in areas of the Site which were not previously investigated and to evaluate soil vapor across the Site which was also not previously investigated. The scope of the Phase II ESA included the installation of eight soil borings across the Site, the collection of eight soil samples, the installation of six temporary soil vapor points across the Site, the collection of six soil vapor samples, and the installation of one temporary groundwater monitoring well. All soil samples were analyzed for VOCs, SVOCs and target analyte list (TAL) metals and all soil vapor samples were analyzed for VOCs.

The results of the soil sampling conducted as part of the LDDSI indicated the presence of several SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs) in exceedance of Restricted-Residential Use SCOs in one soil sample. Benzo(a)anthracene was detected at a concentration of 2.1 mg/kg; benzo(a)pyrene was detected at a concentration of 1.2 mg/kg; benzo(b)fluoranthene was detected at a concentration of 1.6 mg/kg; and indeno(1,2,3-cd)pyrene was detected at a concentration of 0.76 mg/kg. In addition, various metals were detected in six of eight soil samples at concentrations exceeding Restricted-Residential Use SCOs. Arsenic was detected at a max. concentration of 19.9 mg/kg; barium was detected at a max. concentration of 508 mg/kg; lead was detected at a max. concentration of 2,430 mg/kg; mercury was detected at a max. concentration of 2.07 mg/kg; and nickel was detected at a max. concentration of 753 mg/kg. VOCs were not detected in exceedance of Restricted-Residential Use SCOs in any soil samples.

The results of the soil vapor sampling conducted as part of the LDDSI indicated the presence one cVOC, PCE, in all six soil vapor samples at concentrations ranging from 11.9 micrograms per cubic meter (ug/m^3) to 86.1 ug/m^3. No other cVOCs were detected in soil vapor samples. Several petroleum-related VOCs were also detected in soil vapor samples across the Site, including the following: benzene [max: 6.07 ug/m^3], toluene [max: 46.7 ug/m^3], ethylbenzene [max: 40.7 ug/m^3], p/m-xylene [max: 160 ug/m^3], o-xylene [max: 236 ug/m^3], 1,2,4-trimethylbenzene [max: 362 ug/m^3], 1,3,5-trimethylbenzene [max: 147 ug/m^3] and 2,2,4-trimethylpentane [max: 2,110 ug/m^3].

Groundwater was not encountered during the LDDSI.

4.0 SAMPLING AND ANALYTICAL METHODOLOGY

The scope of work for the Site included the following:

Soil Vapor

- Installed four soil vapor points within the southern cellar footprint and five soil vapor points within the northern cellar footprint;
- Purged and collected soil vapor samples (SV-7 through SV-15) from each location; and,
- Analyzed soil vapor samples for TO-15 volatile organic compounds (VOCs).

Soil

- Installed eleven soil borings (SB-8 through SB-17 and SB-8W) within each proposed cellar footprint (six borings within the southern cellar footprint and five borings within the northern cellar footprint) and one soil boring (SB-18) outside of the proposed cellar footprints;
- Collected two soil samples at each soil boring location (with the exception of confirmatory soil boring SB-8W); and
- Analyzed soil samples and one field blank for VOCs, semi-volatile organic compounds (SVOCs), pesticides, herbicides, polychlorinated biphenyls (PCBs) and Target Analyte List (TAL) total metals and analyzed two shallow soil samples (one from each proposed cellar footprint) for per- and polyfluoroalkyl substances (PFAS). Two trip blanks were analyzed for VOCs.

Sampling Locations

The sample locations are depicted on Figure 1. The rationale for each is described below.

Table 1 – Sample Locations and Rationale

Sample No.	Lot	Sample Locations	Rationale
SV-7	100	Southern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint
SV-8	100	Southern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint
SV-9	100	Southern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint
SV-10	100	Southern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint
SV-11	92	Northern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint
SV-12	92	Northern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint
SV-13	82	Northern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint
SV-14	82	Northern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint
SV-15	82	Northern Building Footprint	Assess potential soil vapor impacts within the proposed cellar footprint

Sample No.	Lot	Sample Locations	Rationale
SB-8	100	Southern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-8W	100	Southern Building Footprint	Confirm the shallow bedrock encountered in soil boring SB-8
SB-9	100	Southern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-10	100	Southern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-11	100	Southern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-12	100	Southern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-13	92	Northern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-14	92	Northern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-15	82	Northern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-16	82	Northern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-17	82	Northern Building Footprint	Assess potential soil impacts within the proposed cellar footprint
SB-18	8	Center of Lot 8, Outside of the Proposed Building Footprints	Assess potential soil impacts within the proposed exterior portion of the Site

Sampling Methodology

Soil Vapor. A total of nine soil vapor samples were collected in accordance with the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (Soil Vapor Guidance, October 2006 with updates).

All soil vapor implants in the proposed northern cellar footprint (SV-11 through SV-15) and two of the soil vapor implants in the proposed southern cellar footprint (SV-7 and SV-8) were installed with a track-mounted direct-push Geoprobe. The two remaining soil vapor implants in the proposed southern cellar footprint (SV-9 and SV-10) could not be accessed by Geoprobe due to Site topography and were installed with a hand auger. All soil vapor implants were set one foot above bedrock or weathered bedrock (ranges from 6 ft-bg at SV-9 to 18.5 ft-bg at SV-11, SV-12, and SV-13. A 1.5-inch long hardened point and a six-inch long perforated vapor intake were installed at the desired depth.

Each soil vapor sample was screened for organic vapors using a photoionization detector (PID). PID readings ranged from 1.1 parts per million (ppm) in SV-9 to 13.1 ppm in SV-8. PID readings in soil vapor sample SV-11 were non-detect.

Samples were collected in laboratory-supplied Summa canisters, which have been certified clean by the laboratory. The flow rate of both purging and sampling did not exceed 0.2 liters per minute (L/min). Sampling occurred for a duration of two hours. A sample log sheet was maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of soil vapor extracted,

vacuum of canisters before and after the samples were collected, apparent moisture content of the sampling zone, and chain of custody protocols. Helium tracer gas was used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) measure to verify the integrity of the soil vapor probe seal. A portable monitoring device was used to analyze a sample of soil vapor for the tracer prior to sampling. If a significant amount of helium was detected, the probe seals were adjusted to prevent infiltration. At the conclusion of the sampling, tracer monitoring was performed a second time to confirm the integrity of the probe seals. All soil vapor sampling locations were surveyed with a handheld Trimble global positioning system (GPS) following sample collection.

Soil vapor samples were collected in laboratory-supplied canisters and were sealed, labeled, and placed in a secure container for delivery. Samples were submitted to Alpha Analytical, Westborough, MA, a NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratory.

Soil. Twelve soil borings (SB-8 through SB-18 and SB-8W) were advanced. Six soil borings (SB-8 through SB-12 and SB-8W) were advanced within the proposed footprint of the southern cellar; five soil borings (SB-13 through SB-17) were advanced within the proposed footprint of the northern cellar; and one soil boring (SB-18) was advanced in the proposed exterior portion of the Site.

All borings were advanced to weathered bedrock or bedrock, ranging from 7 ft-bg in SB-11 to 30 ft-bg in SB-13. Soil borings SB-8 through SB-10 and SB-13 through SB-18 were advanced with a track-mounted direct push Geoprobe. Soil borings SB-11 and SB-12 were inaccessible to Geoprobe due to Site topography and were advanced with a hand auger. Soil samples were collected from new, dedicated disposable acetate liners through macrocores. All soil boring sampling locations were surveyed with a handheld Trimble GPS following installation.

At each boring location, soils were screened for VOCs using a photoionization detector (PID) and a record of each sample, including notation of odors, colors, or other observations of the sample matrix was recorded in the sampler's logbook. Two samples were collected at each boring location (with the exception of confirmatory boring SB-8W); a shallow sample from 0-2 ft-bg and a deeper sample at the two-foot interval above bedrock or, if present, weathered bedrock. If contamination was observed as determined by PID readings and/or visual or olfactory observations, a sample was also collected at the location of highest contamination in each boring. A total of twenty-two soil samples, in addition to one field blank and two trip blanks, were collected. All samples were transported under chain-of-custody to Alpha Analytical Laboratories, a New York State Department of Health (NYSDOH) ELAP-certified laboratory.

Quality Assurance Quality Control (QAQC) procedures were implemented in accordance with Section 5.0 of the approved Phase II Work Plan. Health and safety measures were implemented in accordance with the Health and Safety Plan (HASP), included as Attachment 1 of the approved Phase II Work Plan.

Sample Analysis

Soil Vapor. Soil vapor samples were analyzed for VOCs using USEPA method TO-15. Sample results were compared to the Decision Matrices contained in the NYSDOH Soil Vapor Guidance and EPA Vapor Intrusion Screening Level (VISL) Default Residential Target Sub-Slab & Exterior Soil Gas Concentrations Criteria (TSSGC).

Soil. All soil samples were analyzed for the following parameters:

- VOCs by EPA Method 8260;
- SVOCs by EPA Method 8270;
- Pesticides/herbicides by EPA Method 8081/8082;
- PCBs by EPA Method 8082A; and,
- TAL metals by EPA Methods 6010 and 7471.

In addition to the above, two shallow soil samples (one from each cellar footprint) were analyzed for PFAS by EPA Method 537 Modified. The field blank was analyzed for all of the above analytes and trip blanks were analyzed for VOCs by EPA Method 8260. Sample results were compared to 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs, SCOs) and Restricted-Residential SCOs (RRSCOs). PFAS results were compared to the proposed UUSCOs and RRSCOs as listed in NYSDEC's Guidance for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs (PFAS Guidelines).

5.0 SAMPLE RESULTS

Soil Vapor. Soil vapor analytical results are included in Table 2. Soil vapor analytical results were compared with the Decision Matrices as referenced in the NYSDOH Soil Vapor Guidance and Residential EPA VISL TSSGCs. Laboratory deliverables are included in Appendix 1. The analytical results are summarized below.

Tetrachloroethene (PCE) was detected in six of nine soil vapor samples at low concentrations and 1,1,1-trichloroethane (1,1,1-TCA) was detected in one soil vapor sample at a low concentration. Both analytes are associated with NYSDOH Matrix B. PCE was detected at a max. concentration of 2.99 micrograms per cubic meter (ug/m^3) in SV-12 and 1,1,1-TCA was detected at a concentration of 1.3 ug/m^3 in SV-13. Matrix B provides a range of actions ranging from "No Further Action" to "Mitigate" based upon the levels in sub-slab soil vapor and indoor air. Soil vapor concentrations at these two locations fall into the lowest category, < 100 ug/m^3. PCE was detected two orders of magnitude below its EPA VISL TSSGC of 360 ug/m^3 and 1,1,1-TCA was detected five orders of magnitude below its EPA VISL TSSGC of 174,000 ug/m^3. All other analytes associated with NYSDOH matrices were non-detect in all nine soil vapor samples.

Two petroleum-related VOCs, benzene and ethylbenzene, were detected at concentrations exceeding their respective residential EPA VISL TSSGCs in one or more samples collected from the proposed northern building footprint. Benzene was detected in exceedance of its residential EPA VISL TSSGC of 12 ug/m^3 in three samples (max. 21.3 ug/m^3 in SV-14) and ethylbenzene was detected in exceedance its residential EPA VISL TSSGC of 37.4 ug/m^3 in two samples (max. 203 ug/m^3 in SV-14). No other VOCs were detected in exceedance of residential EPA VISL TSSGCs in any soil vapor samples.

A variety of other petroleum-related compounds were detected across the Site at varying concentrations below the EPA VISL TSSGCs, with the highest concentrations generally occurring in the northern portion of the proposed northern building footprint. The following maximum toluene, p/m-xylene, o-xylene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene concentrations were detected: toluene max. 897 ug/m^3 in SV-14; p/m-xylene max 634 ug/m^3 in SV-14; o-xylene max 175 ug/m^3 in SV-14; 1,3,5-trimethylbenzene max. 26.2 ug/m^3 in SV-14; and, 1,2,4-trimethylbenzene max 98.3 ug/m^3 in SV-15.

Soil. Soil analytical results are included in Tables 3a through 3e. Soil analytical results were compared with UUSCOs and RRSCOs. Laboratory deliverables are included in Appendix 1. The analytical results are summarized below.

There were no visual or olfactory indications of contamination in any of the twelve borings advanced during this investigation. PID readings were noted in soil boring SB-11 at 5 ft-bg (0.3 ppm) and SB-13 at 1 ft-bg (0.1 ppm). PID readings were not detected at any other boring locations.

No soil samples collected as part of this investigation were detected in exceedance of UUSCOs or RRSCOs for VOCs, herbicides, or PCBs.

Five SVOCs, specifically polyaromatic hydrocarbons (PAHs), were detected in exceedance of UUSCOs in one shallow soil sample, SB-10 (0-2). Benzo(a)anthracene was detected at a concentration of 1.5 milligrams per kilogram (mg/kg) with a UUSCO of 1 mg/kg; benzo(a)pyrene was detected at a concentration of 1.8 mg/kg with a UUSCO of 1 mg/kg; benzo(b)fluoranthene was detected at a concentration of 2.3 mg/kg with a UUSCO of 1 mg/kg; chrysene was detected at a

concentration of 1.5 mg/kg with a UUSCO of 1 mg/kg; and indeno(1,2,3-cd)pyrene was detected at a concentration of 1.3 mg/kg with a UUSCO of 0.5 mg/kg. Of these, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3-cd)pyrene have RRSCOs that are the same as their UUSCOs, therefore, these analytes also exceeded their RRSCOs in shallow soil sample SB-10 (0-2). No other SVOCs were detected in exceedance of UUSCOs or RRSCOs in any soil samples.

A variety of metals, including arsenic, copper, lead, manganese, mercury, nickel and zinc were detected in exceedance of UUSCOs in one or more soil samples. Of these, arsenic, lead, mercury, and nickel were also detected in exceedance of their RRSCOs in one or more soil samples. Arsenic was detected in exceedance of its UUSCO of 13 mg/kg and its RRSCO of 16 mg/kg in one shallow soil sample [concentration of 17.4 mg/kg in SB-10 (0-2)]; copper was detected in exceedance of its UUSCO of 50 mg/kg in two shallow and one deep soil samples [max. 168 mg/kg in SB-14 (0-2)]; lead was detected in exceedance of its UUSCO of 63 mg/kg in six shallow and two deep soil samples, and in exceedance of its RRSCO of 400 mg/kg in one shallow soil sample [max. 1,420 mg/kg in SB-10 (0-2)]; manganese was detected in exceedance of its UUSCO of 1,600 mg/kg in one deep soil sample [concentration of 1,920 mg/kg in SB-8 (6.5-8.5)]; mercury was detected in exceedance of its UUSCO of 0.18 mg/kg in five shallow and one deep soil samples, and in exceedance of its RRSCO of 0.81 mg/kg in two shallow soil samples [max. 1.05 mg/kg in SB-10 (0-2)]; nickel was detected in exceedance of its UUSCO of 30 mg/kg in all eleven shallow and nine deep soil samples, and in exceedance of its RRSCO of 310 mg/kg in seven shallow and five deep soil samples [max. 1,620 mg/kg in SB-8 (6.5-8.5)]; and zinc was detected in exceedance of its UUSCO of 109 mg/kg in five shallow soil samples [max. 1,080 mg/kg in SB-10 (0-2)]. No other metals were detected in exceedance of UUSCOs or RRSCOs in any soil samples.

A variety of pesticides were detected in exceedance of UUSCOs, but below RRSCOs, in nine of eleven shallow soil samples and two of eleven deep soil samples. Dieldrin was detected in two shallow soil samples [max. 0.00958 mg/kg in SB-8 (0-2) with a UUSCO of 0.005 mg/kg]; 4,4'-DDD was detected in four shallow soil samples [max. 0.0133 mg/kg in SB-10 (0-2) with a UUSCO of 0.0033 mg/kg]; 4,4'-DDE was detected in five shallow and one deep soil samples [max. 0.0436 mg/kg in SB-10 (0-2) with a UUSCO of 0.0033 mg/kg]; and 4,4'-DDT was detected in nine shallow and two deep soil samples [max. 0.167 mg/kg in SB-10 (0-2) with a UUSCO of 0.033 mg/kg]. No other pesticides were detected in exceedance of UUSCOs in any soil samples. Pesticides were not detected in exceedance of RRSCOs in any soil samples.

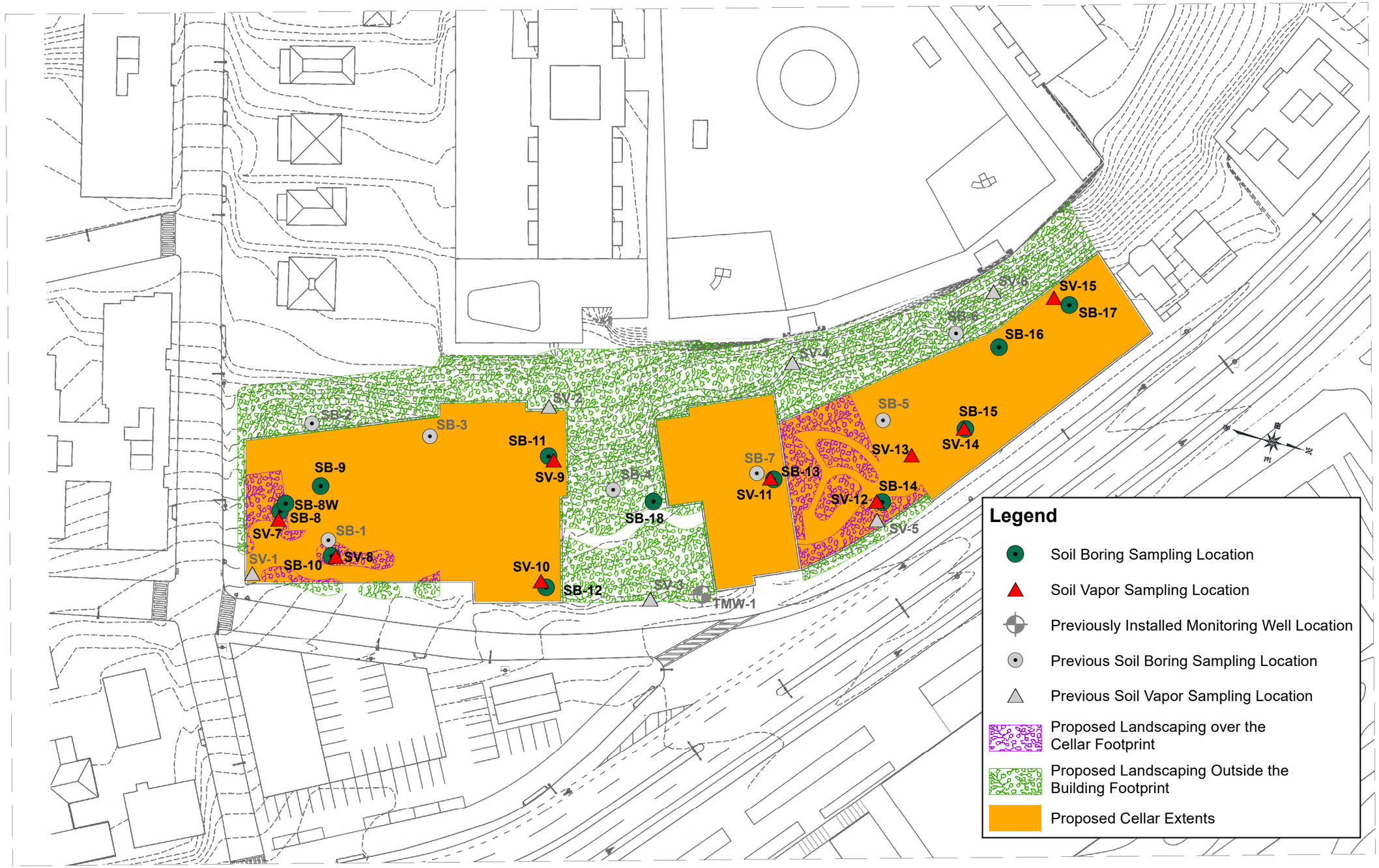
Two shallow soil samples, SB-10 (0-2) and SB-14 (0-2), were analyzed for PFAS. Low concentrations of PFAS in exceedance of the proposed UUSCOs were detected in both samples. Perfluorooctanoic acid (PFOA) was detected in exceedance of its proposed UUSCO of 0.66 nanograms per gram (ng/g) in both samples [max. 2.39 ng/g in SB-10 (0-2)] and perfluorooctanesulfonic acid (PFOS) was detected in exceedance of its proposed UUSCO of 0.88 ng/g in one sample [concentration 0.928 ng/g in SB-10 (0-2)]. PFAS were not detected in exceedance of the proposed RRSCOs in either sample.

6.0 CONCLUSIONS

Data collected during the Phase II ESI did not identify cVOC concentrations in soil vapor that, based upon NYSDOH guidelines, would require action. Elevated levels of petroleum-related VOCs in exceedance of residential EPA VISL TSSGCs were detected in soil vapor samples collected from the northern portion of the proposed northern cellar footprint. SVOCs, metals, and pesticides typically associated with historic fill material were detected in exceedance of UUSCOs in shallow soil across the Site. In addition, SVOCs and metals also exceeded RRSCOs in one or more shallow soil samples. One metal, nickel, was also detected in exceedance of its UUSCO and RRSCO in deep soil across the Site.

Based upon the results of this Phase II ESI and previous investigations, and to provide additional protection to current and future residents, a Remedial Action Plan (RAP) and Construction Health and Safety Plan (CHASP) will be prepared.

Figures



Source: NYC DOF - Digital Tax Map
File: Special Permit-Illustrative Plans.dwg (received 10/26/2020)

Site
River North
170-194 Richmond Terrace &
8-20 Stuyvesant Place
Staten Island, New York
Block 13, Lots 82, 92, 100 &
Lot 8 (partitioned)

TENEN ENVIRONMENTAL
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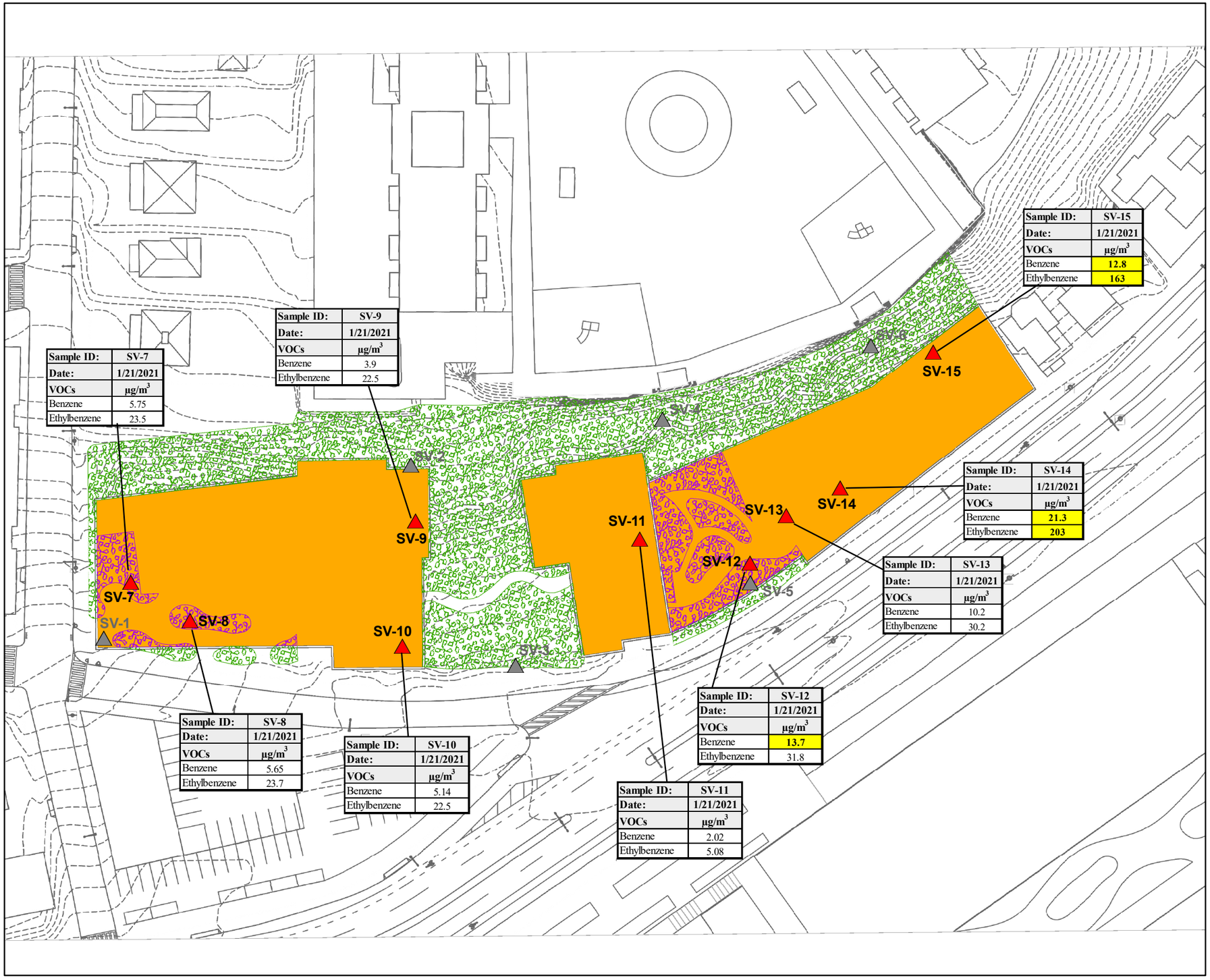
Drawn By	Checked By	Date	Scale
LM	AP	January 2021	As Noted

Drawing Title
Site Map and Sampling Locations

Drawing No
Figure 1



Sample ID:	SV-7
Date:	1/21/2021
VOCs	µg/m³
Benzene	5.75
Ethylbenzene	23.5

Sample ID:	SV-9
Date:	1/21/2021
VOCs	µg/m³
Benzene	3.9
Ethylbenzene	22.5

Sample ID:	SV-15
Date:	1/21/2021
VOCs	µg/m³
Benzene	**12.8**
Ethylbenzene	**163**

Sample ID:	SV-14
Date:	1/21/2021
VOCs	µg/m³
Benzene	**21.3**
Ethylbenzene	**203**

Sample ID:	SV-13
Date:	1/21/2021
VOCs	µg/m³
Benzene	10.2
Ethylbenzene	30.2

Sample ID:	SV-12
Date:	1/21/2021
VOCs	µg/m³
Benzene	**13.7**
Ethylbenzene	31.8

Sample ID:	SV-11
Date:	1/21/2021
VOCs	µg/m³
Benzene	2.02
Ethylbenzene	5.08

Sample ID:	SV-10
Date:	1/21/2021
VOCs	µg/m³
Benzene	5.14
Ethylbenzene	22.5

Sample ID:	SV-8
Date:	1/21/2021
VOCs	µg/m³
Benzene	5.65
Ethylbenzene	23.7

Analyte	EPA-VISL-RTSSGC
VOCs	µg/m³
Benzene	12
Ethylbenzene	37.4

Notes:

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

2. EPA-VISL-RTSSGC = EPA VISL Default Residential Target Sub-Slab & Exterior Soil Gas Concentrations Criteria

Legend

- Soil Vapor Sampling Location
- Previous Soil Vapor Sampling Location
- Proposed Landscaping over the Cellar Footprint
- Proposed Landscaping Outside the Building Footprint
- Proposed Cellar Extents

0 35 70 140 Feet

Source: NYC DOF - Digital Tax Map
File: Special Permit-Illustrative Plans.dwg (received 10/26/2020)

Site
River North
170-194 Richmond Terrace & 8-20 Stuyvesant Place
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Block 13, Lots 82, 92, 100 & Lot 8 (partitioned)

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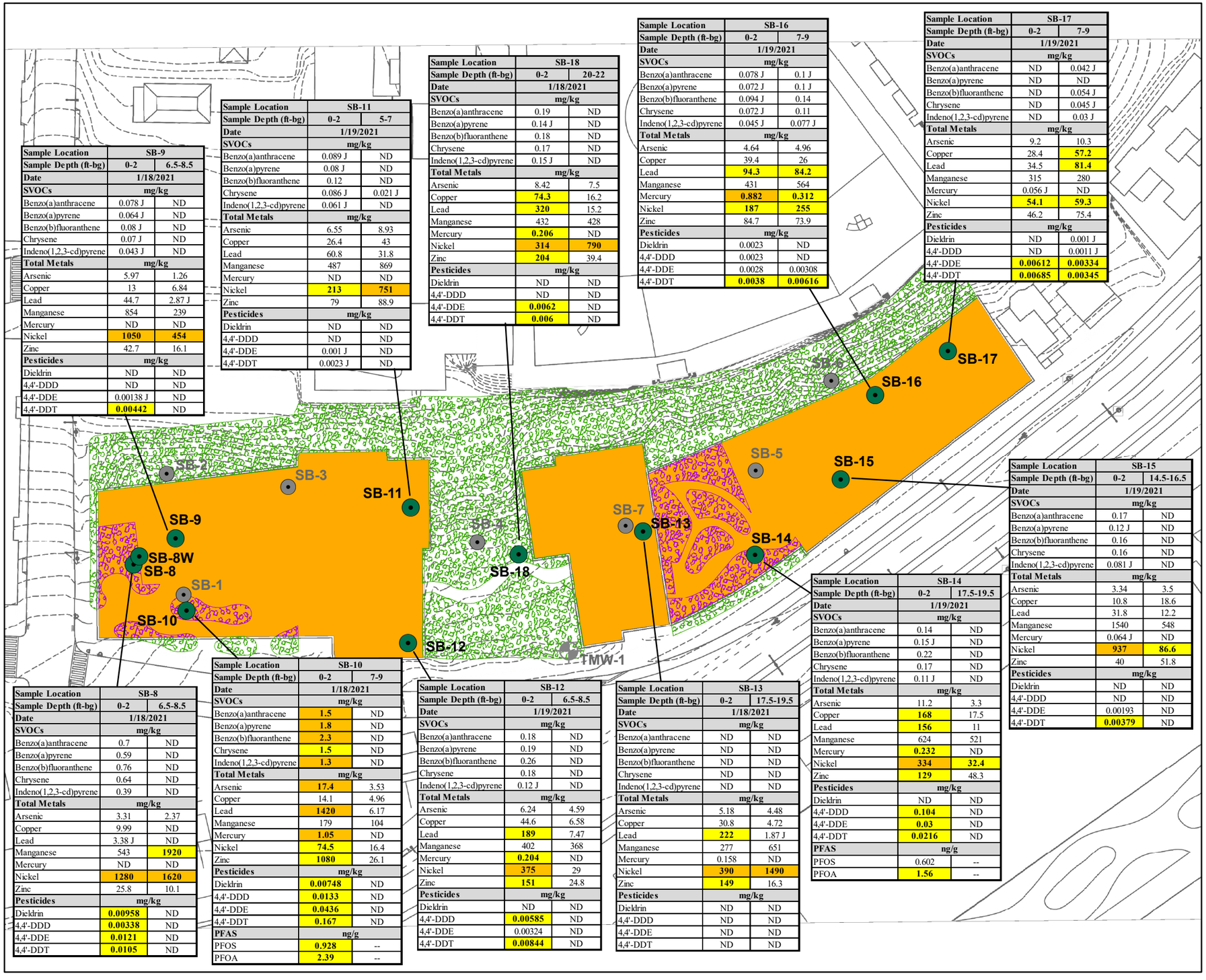
Drawn By: LM
Checked By: AP
Date: February 2021
Scale: As Noted

Drawing Title: **Soil Vapor Analytical Results**

Drawing No: **Figure 2**



Sample Location	SB-9	
Sample Depth (ft-bg)	0-2	6.5-8.5
Date	1/18/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	0.078 J	ND
Benzo(a)pyrene	0.064 J	ND
Benzo(b)fluoranthene	0.08 J	ND
Chrysene	0.07 J	ND
Indeno(1,2,3-cd)pyrene	0.043 J	ND
Total Metals	mg/kg	
Arsenic	5.97	1.26
Copper	13	6.84
Lead	44.7	2.87 J
Manganese	854	239
Mercury	ND	ND
Nickel	**1050**	**454**
Zinc	42.7	16.1
Pesticides	mg/kg	
Dieldrin	ND	ND
4,4'-DDD	ND	ND
4,4'-DDE	0.00138 J	ND
4,4'-DDT	**0.00442**	ND

Sample Location	SB-11	
Sample Depth (ft-bg)	0-2	5-7
Date	1/19/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	0.089 J	ND
Benzo(a)pyrene	0.08 J	ND
Benzo(b)fluoranthene	0.12	ND
Chrysene	0.086 J	0.021 J
Indeno(1,2,3-cd)pyrene	0.061 J	ND
Total Metals	mg/kg	
Arsenic	6.55	8.93
Copper	26.4	43
Lead	60.8	31.8
Manganese	487	869
Mercury	ND	ND
Nickel	**213**	**751**
Zinc	79	88.9
Pesticides	mg/kg	
Dieldrin	ND	ND
4,4'-DDD	ND	ND
4,4'-DDE	0.001 J	ND
4,4'-DDT	0.0023 J	ND

Sample Location	SB-18	
Sample Depth (ft-bg)	0-2	20-22
Date	1/18/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	0.19	ND
Benzo(a)pyrene	0.14 J	ND
Benzo(b)fluoranthene	0.18	ND
Chrysene	0.17	ND
Indeno(1,2,3-cd)pyrene	0.15 J	ND
Total Metals	mg/kg	
Arsenic	8.42	7.5
Copper	**74.3**	16.2
Lead	**320**	15.2
Manganese	432	428
Mercury	**0.206**	ND
Nickel	**314**	**790**
Zinc	**204**	39.4
Pesticides	mg/kg	
Dieldrin	ND	ND
4,4'-DDD	ND	ND
4,4'-DDE	**0.0062**	ND
4,4'-DDT	**0.006**	ND

Sample Location	SB-16	
Sample Depth (ft-bg)	0-2	7-9
Date	1/19/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	0.078 J	0.1 J
Benzo(a)pyrene	0.072 J	0.1 J
Benzo(b)fluoranthene	0.094 J	0.14
Chrysene	0.072 J	0.11
Indeno(1,2,3-cd)pyrene	0.045 J	0.077 J
Total Metals	mg/kg	
Arsenic	4.64	4.96
Copper	39.4	26
Lead	**94.3**	**84.2**
Manganese	431	564
Mercury	**0.882**	**0.312**
Nickel	**187**	**255**
Zinc	84.7	73.9
Pesticides	mg/kg	
Dieldrin	0.0023	ND
4,4'-DDD	0.0023	ND
4,4'-DDE	0.0028	0.00308
4,4'-DDT	**0.0038**	**0.00616**

Sample Location	SB-17	
Sample Depth (ft-bg)	0-2	7-9
Date	1/19/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	ND	0.042 J
Benzo(a)pyrene	ND	ND
Benzo(b)fluoranthene	ND	0.054 J
Chrysene	ND	0.045 J
Indeno(1,2,3-cd)pyrene	ND	0.03 J
Total Metals	mg/kg	
Arsenic	9.2	10.3
Copper	28.4	**57.2**
Lead	34.5	**81.4**
Manganese	315	280
Mercury	0.056 J	ND
Nickel	**54.1**	**59.3**
Zinc	46.2	75.4
Pesticides	mg/kg	
Dieldrin	ND	0.001 J
4,4'-DDD	ND	0.0011 J
4,4'-DDE	**0.00612**	**0.00334**
4,4'-DDT	**0.00685**	**0.00345**

Sample Location	SB-8	
Sample Depth (ft-bg)	0-2	6.5-8.5
Date	1/18/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	0.7	ND
Benzo(a)pyrene	0.59	ND
Benzo(b)fluoranthene	0.76	ND
Chrysene	0.64	ND
Indeno(1,2,3-cd)pyrene	0.39	ND
Total Metals	mg/kg	
Arsenic	3.31	2.37
Copper	9.99	ND
Lead	3.38 J	ND
Manganese	543	**1920**
Mercury	ND	ND
Nickel	**1280**	**1620**
Zinc	25.8	10.1
Pesticides	mg/kg	
Dieldrin	**0.00958**	ND
4,4'-DDD	**0.00338**	ND
4,4'-DDE	**0.0121**	ND
4,4'-DDT	**0.0105**	ND

Sample Location	SB-10	
Sample Depth (ft-bg)	0-2	7-9
Date	1/18/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	**1.5**	ND
Benzo(a)pyrene	**1.8**	ND
Benzo(b)fluoranthene	**2.3**	ND
Chrysene	**1.5**	ND
Indeno(1,2,3-cd)pyrene	**1.3**	ND
Total Metals	mg/kg	
Arsenic	**17.4**	3.53
Copper	14.1	4.96
Lead	**1420**	6.17
Manganese	179	104
Mercury	**1.05**	ND
Nickel	**74.5**	16.4
Zinc	**1080**	26.1
Pesticides	mg/kg	
Dieldrin	**0.00748**	ND
4,4'-DDD	**0.0133**	ND
4,4'-DDE	**0.0436**	ND
4,4'-DDT	**0.167**	ND
PFAS	ng/g	
PFOS	**0.928**	--
PFOA	**2.39**	--

Sample Location	SB-12	
Sample Depth (ft-bg)	0-2	6.5-8.5
Date	1/19/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	0.18	ND
Benzo(a)pyrene	0.19	ND
Benzo(b)fluoranthene	0.26	ND
Chrysene	0.18	ND
Indeno(1,2,3-cd)pyrene	0.12 J	ND
Total Metals	mg/kg	
Arsenic	6.24	4.59
Copper	44.6	6.58
Lead	**189**	7.47
Manganese	402	368
Mercury	**0.204**	ND
Nickel	**375**	29
Zinc	**151**	24.8
Pesticides	mg/kg	
Dieldrin	ND	ND
4,4'-DDD	**0.00585**	ND
4,4'-DDE	0.00324	ND
4,4'-DDT	**0.00844**	ND

Sample Location	SB-13	
Sample Depth (ft-bg)	0-2	17.5-19.5
Date	1/18/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	ND	ND
Benzo(a)pyrene	ND	ND
Benzo(b)fluoranthene	ND	ND
Chrysene	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND
Total Metals	mg/kg	
Arsenic	5.18	4.48
Copper	30.8	4.72
Lead	**222**	1.87 J
Manganese	277	651
Mercury	0.158	ND
Nickel	**390**	**1490**
Zinc	**149**	16.3
Pesticides	mg/kg	
Dieldrin	ND	ND
4,4'-DDD	ND	ND
4,4'-DDE	ND	ND
4,4'-DDT	ND	ND

Sample Location	SB-14	
Sample Depth (ft-bg)	0-2	17.5-19.5
Date	1/19/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	0.14	ND
Benzo(a)pyrene	0.15 J	ND
Benzo(b)fluoranthene	0.22	ND
Chrysene	0.17	ND
Indeno(1,2,3-cd)pyrene	0.11 J	ND
Total Metals	mg/kg	
Arsenic	11.2	3.3
Copper	**168**	17.5
Lead	**156**	11
Manganese	624	521
Mercury	**0.232**	ND
Nickel	**334**	**32.4**
Zinc	**129**	48.3
Pesticides	mg/kg	
Dieldrin	ND	ND
4,4'-DDD	**0.104**	ND
4,4'-DDE	**0.03**	ND
4,4'-DDT	**0.0216**	ND
PFAS	ng/g	
PFOS	0.602	--
PFOA	**1.56**	--

Sample Location	SB-15	
Sample Depth (ft-bg)	0-2	14.5-16.5
Date	1/19/2021	
SVOCs	mg/kg	
Benzo(a)anthracene	0.17	ND
Benzo(a)pyrene	0.12 J	ND
Benzo(b)fluoranthene	0.16	ND
Chrysene	0.16	ND
Indeno(1,2,3-cd)pyrene	0.081 J	ND
Total Metals	mg/kg	
Arsenic	3.34	3.5
Copper	10.8	18.6
Lead	31.8	12.2
Manganese	1540	548
Mercury	0.064 J	ND
Nickel	**937**	**86.6**
Zinc	40	51.8
Pesticides	mg/kg	
Dieldrin	ND	ND
4,4'-DDD	ND	ND
4,4'-DDE	0.00193	ND
4,4'-DDT	**0.00379**	ND

Analyte	NY-UNRES	NY-RESRR
SVOCs	mg/kg	
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Chrysene	1	3.9
Indeno(1,2,3-cd)pyrene	0.5	0.5
Total Metals	mg/kg	
Arsenic	13	16
Copper	50	270
Lead	63	400
Manganese	1600	2000
Mercury	0.18	0.81
Nickel	30	310
Zinc	109	310
Pesticides	mg/kg	
Dieldrin	0.005	0.2
4,4'-DDD	0.0033	13
4,4'-DDE	0.0033	8.9
4,4'-DDT	0.0033	7.9
PFAS	ng/g	
PFOS	0.88	44
PFOA	0.66	33

Notes:

1. **Bold and shaded yellow value indicates concentration exceeds NY-UNRES SCOs**
2. **Bold and shaded orange value indicates concentration exceeds NY-RESRR SCOs**
3. NY-UNRES = 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives
4. NY-RESRR = 6 NYCRR Part 375 Restricted-Residential Use Soil Cleanup Objectives
5. J = Estimated value
6. ND = Not detected
7. -- = Not analyzed
8. Only SB-10 (0-2) and SB-14 (0-2) were analyzed for PFAS

Legend

- Soil Boring Sampling Location
- Previously Installed Monitoring Well Location
- Previous Soil Boring Sampling Location
- Proposed Landscaping over the Cellar Footprint
- Proposed Landscaping Outside the Building Footprint
- Proposed Cellar Extents

0 35 70 140 Feet

Source: NYC DOF - Digital Tax Map
File: Special Permit-Illustrative Plans.dwg (received 10/26/2020)

Site: **River North**
170-194 Richmond Terrace & 8-20 Stuyvesant Place
Staten Island, New York
Block 13, Lots 82, 92, 100 & Lot 8 (partitioned)

TENEN ENVIRONMENTAL
Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: (646) 606-2332
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Drawn By: LM
Checked By: AP
Date: February 2021
Scale: As Noted

Drawing Title: **Soil Analytical Results**

Drawing No: **Figure 3**

Tables

Table 2. Volatile Organic Compounds in Soil Vapor
River North
Phase II Environmental Site Investigation Report

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		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
Volatile Organic Compounds																						
Dichlorodifluoromethane	-	3480	ug/m3	2.17		2.1		2.13		2.35		2.2		7.57		7.57		3.84		ND		
Chloromethane	-	3130	ug/m3	ND		ND		ND		ND		0.423		ND		ND		ND		ND		
Freon-114	-	NS	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Vinyl chloride	C	5.59	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		No further action
1,3-Butadiene	-	3.12	ug/m3	ND		ND		ND		ND		ND		ND		ND		1.81		ND		
Bromomethane	-	174	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Chloroethane	-	348000	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Ethanol	-	NS	ug/m3	ND		ND		ND		ND		ND		13.2		ND		ND		ND		
Vinyl bromide	-	2.92	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Acetone	-	1070000	ug/m3	19.7		17		6.1		9.07		5.91		24.5		18.3		ND		6.15		
Trichlorofluoromethane	-	NS	ug/m3	1.31		1.28		1.27		1.29		1.74		11.1		22.4		18.9		ND		
Isopropanol	-	6950	ug/m3	ND		ND		ND		ND		ND		1.26		ND		ND		ND		
1,1-Dichloroethene	A	6950	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		No further action
Tertiary butyl Alcohol	-	NS	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Methylene chloride	B	3380	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		No further action
3-Chloropropene	-	15.6	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Carbon disulfide	-	24300	ug/m3	1.14		0.8		2.33		ND		ND		1.17		1.1		2.51		ND		
Freon-113	-	174000	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
trans-1,2-Dichloroethene	-	NS	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
1,1-Dichloroethane	-	58.5	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Methyl tert butyl ether	-	360	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
2-Butanone	-	174000	ug/m3	--		--		--		--		--		324		--		--		--		
2-Butanone	-	174000	ug/m3	208		244		93.8		146		66.7		324	E	274		56.6		89.4		
cis-1,2-Dichloroethene	A	NS	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		No further action
Ethyl Acetate	-	2430	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Chloroform	-	4.07	ug/m3	ND		ND		1.01		3.64		2.06		3.59		3.22		ND		ND		
Tetrahydrofuran	-	69500	ug/m3	ND		ND		ND		ND		ND		1.98		ND		ND		ND		
1,2-Dichloroethane	-	3.6	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
n-Hexane	-	24300	ug/m3	8.78		8.63		4.76		7.65		2.9		22.3		13.4		15.4		7.61		
1,1,1-Trichloroethane	B	174000	ug/m3	ND		ND		ND		ND		ND		ND		1.3		ND		ND		No further action
Benzene	-	12	ug/m3	5.75		5.65		3.9		5.14		2.02		**13.7**		10.2		**21.3**		**12.8**		
Carbon tetrachloride	A	15.6	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		No further action
Cyclohexane	-	209000	ug/m3	1.02		0.74		ND		ND		ND		2.29		1.33		3.26		ND		
1,2-Dichloropropane	-	25.3	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Bromodichloromethane	-	2.53	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
1,4-Dioxane	-	18.7	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Trichloroethene	A	15.9	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		No further action
2,2,4-Trimethylpentane	-	NS	ug/m3	4.86		2.06		3.58		1.63		1.5		5.79		3.44		35.7		12.8		
Heptane	-	NS	ug/m3	8.93		8.89		6.27		8.52		3.11		24.3		18.6		58.2		29		
cis-1,3-Dichloropropene	-	NS	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
4-Methyl-2-pentanone	-	104000	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
trans-1,3-Dichloropropene	-	NS	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
1,1,2-Trichloroethane	-	5.85	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Toluene	-	174000	ug/m3	118		113		91.6		107		35.5		213		182		897		595		
2-Hexanone	-	1040	ug/m3	20.5		23.6		18.6		20.5		3.87		43.9		37.8		ND		ND		
Dibromochloromethane	-	NS	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
1,2-Dibromoethane	-	0.156	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		
Tetrachloroethene	B	360	ug/m3	2.37		2.65		1.89		2.05		ND		2.99		2.67		ND		ND		No further action
Chlorobenzene	-	1740	ug/m3	ND		ND		ND		ND		ND		ND		ND		ND		ND		

Table 2. Volatile Organic Compounds in Soil Vapor
River North
Phase II Environmental Site Investigation Report

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	Qual	Qual	Qual	Qual	Qual	Qual	Qual	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	ND	ND	ND	ND	ND	ND	ND	ND	
Styrene	-	34800	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	-	1.61	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	-	NS	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	-	8.51	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	-	6950	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	-	69.5	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachlorobutadiene	-	4.25	ug/m3	ND	ND	ND	ND	ND	ND	ND	ND	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 3a. Volatile Organic Compounds in Soil
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)
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
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

Table 3a. Volatile Organic Compounds in Soil
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)
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

Table 3a. Volatile Organic Compounds in Soil
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)
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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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
1,1,2,2-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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3a. Volatile Organic Compounds in Soil
River North
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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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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	
1,1,2,2-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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3a. Volatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3b. Semivolatile Organic Compounds in Soil
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)	
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		ND	
Acenaphthylene	100	100	mg/kg	0.059	J	ND		ND		ND		0.55	J
Acetophenone	NS	NS	mg/kg	ND		ND		ND		ND		ND	

Table 3b. Semivolatile Organic Compounds in Soil
River North
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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	

Table 3b. Semivolatile Organic Compounds in Soil
River North
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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

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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
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	

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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	

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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	

Table 3b. Semivolatile Organic Compounds in Soil
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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

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3b. Semivolatile Organic Compounds in Soil
River North
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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
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	

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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	

Table 3b. Semivolatile Organic Compounds in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3c. Metals in Soil
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)		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	
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

Table 3c. Metals in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3c. Metals in Soil
River North
Phase II Environmental Site Investigation Report

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

Table 3d. Pesticides, Herbicides, and Polychlorinated Biphenyls in Soil
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)		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		1/19/2021	
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

Table 3d. Pesticides, Herbicides, and Polychlorinated Biphenyls in Soil
River North
Phase II Environmental Site Investigation Report

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)
SAMPLING DATE				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

Table 3e. Per- and Polyfluoroalkyl Substances in Soil
River North
Phase II Environmental Site Investigation Report

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

Appendix 1
Laboratory Deliverables

ANALYTICAL REPORT

Lab Number:	L2102678
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Alana Carroll
Phone:	(646) 606-2332
Project Name:	LIBERTY TOWERS
Project Number:	LIBERTY TOWERS
Report Date:	02/01/21

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2102678-01	SB-8 (0-2)	SOIL	STATEN ISLAND	01/18/21 08:30	01/18/21
L2102678-02	SB-8 (6.5-8.5)	SOIL	STATEN ISLAND	01/18/21 09:00	01/18/21
L2102678-03	SB-9 (0-2)	SOIL	STATEN ISLAND	01/18/21 09:40	01/18/21
L2102678-04	SB-9 (6.5-8.5)	SOIL	STATEN ISLAND	01/18/21 10:00	01/18/21
L2102678-05	SB-10 (0-2)	SOIL	STATEN ISLAND	01/18/21 10:10	01/18/21
L2102678-06	SB-10 (7-9)	SOIL	STATEN ISLAND	01/18/21 10:40	01/18/21
L2102678-07	SB-13 (0-2)	SOIL	STATEN ISLAND	01/18/21 11:30	01/18/21
L2102678-08	SB-13 (17.5-19.5)	SOIL	STATEN ISLAND	01/18/21 12:00	01/18/21
L2102678-09	FIELD BLANK	FIELD BLANK	STATEN ISLAND	01/18/21 08:50	01/18/21
L2102678-10	TRIP BLANK	TRIP BLANK (AQUEOUS)	STATEN ISLAND	01/18/21 00:00	01/18/21
L2102678-11	SB-18 (0-2)	SOIL	STATEN ISLAND	01/18/21 13:00	01/18/21
L2102678-12	SB-18 (20-22)	SOIL	STATEN ISLAND	01/18/21 13:20	01/18/21

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102678
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102678
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

Case Narrative (continued)

Report Submission

February 01, 2021: This final report includes the results of all requested analyses.

January 25, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L2102678-05 and -07: The sample has elevated detection limits due to the dilution required by the sample matrix.

Pesticides

L2102678-05 and -07: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2102678-01 through -08, -11, and -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 02/01/21

ORGANICS

VOLATILES

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/21/21 21:38
Analyst: NLK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01 Date Collected: 01/18/21 08:30

Client ID: SB-8 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.71	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/21/21 22:04
Analyst: NLK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02 Date Collected: 01/18/21 09:00

Client ID: SB-8 (6.5-8.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/21/21 22:30
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03 Date Collected: 01/18/21 09:40

Client ID: SB-9 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04
Client ID: SB-9 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/21/21 22:56
Analyst: NLK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04 Date Collected: 01/18/21 10:00

Client ID: SB-9 (6.5-8.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04 Date Collected: 01/18/21 10:00

Client ID: SB-9 (6.5-8.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/21/21 23:22
Analyst: NLK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.1	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05 Date Collected: 01/18/21 10:10

Client ID: SB-10 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/21/21 23:49
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.62	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06 Date Collected: 01/18/21 10:40

Client ID: SB-10 (7-9) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.5	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.5	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.5	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.62	0.16	1
Bromobenzene	ND		ug/kg	2.5	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
o-Chlorotoluene	ND		ug/kg	2.5	0.24	1
p-Chlorotoluene	ND		ug/kg	2.5	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
1,4-Dioxane	ND		ug/kg	99	43.	1
p-Diethylbenzene	ND		ug/kg	2.5	0.22	1
p-Ethyltoluene	ND		ug/kg	2.5	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.5	0.24	1
Ethyl ether	ND		ug/kg	2.5	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 00:15
Analyst: NLK
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07 Date Collected: 01/18/21 11:30

Client ID: SB-13 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	21		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	2.3	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	107		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 00:41
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08 Date Collected: 01/18/21 12:00

Client ID: SB-13 (17.5-19.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09
Client ID: FIELD BLANK
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 08:50
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8260C
Analytical Date: 01/20/21 12:49
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09 Date Collected: 01/18/21 08:50

Client ID: FIELD BLANK Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09
Client ID: FIELD BLANK
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 08:50
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-10
Client ID: TRIP BLANK
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 00:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Trip Blank (Aqueous)
Analytical Method: 1,8260C
Analytical Date: 01/20/21 13:12
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-10 Date Collected: 01/18/21 00:00

Client ID: TRIP BLANK Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-10
Client ID: TRIP BLANK
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 00:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	94		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 01:07
Analyst: NLK
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.45	J	ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11 Date Collected: 01/18/21 13:00

Client ID: SB-18 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	108		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 01:33
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.38	J	ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12 Date Collected: 01/18/21 13:20

Client ID: SB-18 (20-22) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	89	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	110		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/20/21 10:08
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1457050-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/20/21 10:08
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1457050-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/20/21 10:08
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-10 Batch: WG1457050-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/21 18:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1457655-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.62	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/21 18:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1457655-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/21 18:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1457655-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1457050-3 WG1457050-4								
Methylene chloride	93		94		70-130	1		20
1,1-Dichloroethane	93		94		70-130	1		20
Chloroform	91		93		70-130	2		20
Carbon tetrachloride	84		86		63-132	2		20
1,2-Dichloropropane	93		93		70-130	0		20
Dibromochloromethane	95		96		63-130	1		20
1,1,2-Trichloroethane	95		97		70-130	2		20
Tetrachloroethene	99		100		70-130	1		20
Chlorobenzene	96		97		75-130	1		20
Trichlorofluoromethane	86		86		62-150	0		20
1,2-Dichloroethane	89		91		70-130	2		20
1,1,1-Trichloroethane	92		93		67-130	1		20
Bromodichloromethane	92		91		67-130	1		20
trans-1,3-Dichloropropene	97		97		70-130	0		20
cis-1,3-Dichloropropene	93		92		70-130	1		20
1,1-Dichloropropene	93		93		70-130	0		20
Bromoform	92		94		54-136	2		20
1,1,2,2-Tetrachloroethane	96		97		67-130	1		20
Benzene	94		95		70-130	1		20
Toluene	99		100		70-130	1		20
Ethylbenzene	96		96		70-130	0		20
Chloromethane	65		68		64-130	5		20
Bromomethane	77		79		39-139	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1457050-3 WG1457050-4								
Vinyl chloride	79		81		55-140	3		20
Chloroethane	88		89		55-138	1		20
1,1-Dichloroethene	89		90		61-145	1		20
trans-1,2-Dichloroethene	92		93		70-130	1		20
Trichloroethene	95		95		70-130	0		20
1,2-Dichlorobenzene	98		97		70-130	1		20
1,3-Dichlorobenzene	99		98		70-130	1		20
1,4-Dichlorobenzene	98		97		70-130	1		20
Methyl tert butyl ether	90		91		63-130	1		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	93		95		70-130	2		20
Dibromomethane	90		90		70-130	0		20
1,2,3-Trichloropropane	97		98		64-130	1		20
Acrylonitrile	87		86		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	80		80		36-147	0		20
Acetone	100		91		58-148	9		20
Carbon disulfide	92		89		51-130	3		20
2-Butanone	97		96		63-138	1		20
Vinyl acetate	91		89		70-130	2		20
4-Methyl-2-pentanone	88		88		59-130	0		20
2-Hexanone	88		88		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1457050-3 WG1457050-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	97		98		63-133	1		20
1,2-Dibromoethane	96		96		70-130	0		20
1,3-Dichloropropane	96		97		70-130	1		20
1,1,1,2-Tetrachloroethane	93		95		64-130	2		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	99		99		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	82		88		41-144	7		20
Hexachlorobutadiene	98		100		63-130	2		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	86		93		70-130	8		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	86		92		70-130	7		20
1,2,4-Trichlorobenzene	92		93		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	118		124		56-162	5		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-10 Batch: WG1457050-3 WG1457050-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		99		70-130	1		20
Ethyl ether	90		90		59-134	0		20
trans-1,4-Dichloro-2-butene	95		97		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1457655-3 WG1457655-4								
Methylene chloride	94		86		70-130	9		30
1,1-Dichloroethane	90		82		70-130	9		30
Chloroform	100		91		70-130	9		30
Carbon tetrachloride	107		97		70-130	10		30
1,2-Dichloropropane	86		79		70-130	8		30
Dibromochloromethane	92		88		70-130	4		30
1,1,2-Trichloroethane	96		92		70-130	4		30
Tetrachloroethene	101		92		70-130	9		30
Chlorobenzene	98		89		70-130	10		30
Trichlorofluoromethane	113		102		70-139	10		30
1,2-Dichloroethane	96		91		70-130	5		30
1,1,1-Trichloroethane	104		94		70-130	10		30
Bromodichloromethane	99		93		70-130	6		30
trans-1,3-Dichloropropene	105		101		70-130	4		30
cis-1,3-Dichloropropene	98		93		70-130	5		30
1,1-Dichloropropene	100		91		70-130	9		30
Bromoform	101		97		70-130	4		30
1,1,2,2-Tetrachloroethane	88		86		70-130	2		30
Benzene	100		91		70-130	9		30
Toluene	95		87		70-130	9		30
Ethylbenzene	101		91		70-130	10		30
Chloromethane	82		71		52-130	14		30
Bromomethane	102		94		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1457655-3 WG1457655-4								
Vinyl chloride	94		88		67-130	7		30
Chloroethane	105		93		50-151	12		30
1,1-Dichloroethene	94		84		65-135	11		30
trans-1,2-Dichloroethene	98		88		70-130	11		30
Trichloroethene	95		86		70-130	10		30
1,2-Dichlorobenzene	90		83		70-130	8		30
1,3-Dichlorobenzene	93		85		70-130	9		30
1,4-Dichlorobenzene	92		85		70-130	8		30
Methyl tert butyl ether	100		97		66-130	3		30
p/m-Xylene	96		87		70-130	10		30
o-Xylene	91		84		70-130	8		30
cis-1,2-Dichloroethene	95		87		70-130	9		30
Dibromomethane	96		94		70-130	2		30
Styrene	95		88		70-130	8		30
Dichlorodifluoromethane	103		92		30-146	11		30
Acetone	82		85		54-140	4		30
Carbon disulfide	88		79		59-130	11		30
2-Butanone	**69**	Q	**68**	Q	70-130	1		30
Vinyl acetate	82		80		70-130	2		30
4-Methyl-2-pentanone	84		83		70-130	1		30
1,2,3-Trichloropropane	88		88		68-130	0		30
2-Hexanone	80		81		70-130	1		30
Bromochloromethane	89		85		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1457655-3 WG1457655-4								
2,2-Dichloropropane	107		99		70-130	8		30
1,2-Dibromoethane	92		89		70-130	3		30
1,3-Dichloropropane	98		92		69-130	6		30
1,1,1,2-Tetrachloroethane	90		83		70-130	8		30
Bromobenzene	92		83		70-130	10		30
n-Butylbenzene	102		93		70-130	9		30
sec-Butylbenzene	94		84		70-130	11		30
tert-Butylbenzene	93		83		70-130	11		30
o-Chlorotoluene	94		85		70-130	10		30
p-Chlorotoluene	98		88		70-130	11		30
1,2-Dibromo-3-chloropropane	89		89		68-130	0		30
Hexachlorobutadiene	117		105		67-130	11		30
Isopropylbenzene	95		85		70-130	11		30
p-Isopropyltoluene	96		87		70-130	10		30
Naphthalene	88		86		70-130	2		30
Acrylonitrile	76		77		70-130	1		30
n-Propylbenzene	98		88		70-130	11		30
1,2,3-Trichlorobenzene	100		94		70-130	6		30
1,2,4-Trichlorobenzene	108		100		70-130	8		30
1,3,5-Trimethylbenzene	97		87		70-130	11		30
1,2,4-Trimethylbenzene	98		88		70-130	11		30
1,4-Dioxane	86		88		65-136	2		30
p-Diethylbenzene	100		89		70-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1457655-3 WG1457655-4								
p-Ethyltoluene	97		88		70-130	10		30
1,2,4,5-Tetramethylbenzene	100		91		70-130	9		30
Ethyl ether	101		96		67-130	5		30
trans-1,4-Dichloro-2-butene	85		87		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		109		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		103		70-130

SEMIVOLATILES

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 04:40
Analyst: SZ
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	67	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	90	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01 Date Collected: 01/18/21 08:30

Client ID: SB-8 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	700		ug/kg	110	20.	1
Benzo(a)pyrene	590		ug/kg	150	44.	1
Benzo(b)fluoranthene	760		ug/kg	110	31.	1
Benzo(k)fluoranthene	260		ug/kg	110	29.	1
Chrysene	640		ug/kg	110	19.	1
Acenaphthylene	59	J	ug/kg	150	28.	1
Anthracene	330		ug/kg	110	36.	1
Benzo(ghi)perylene	380		ug/kg	150	21.	1
Fluorene	88	J	ug/kg	180	18.	1
Phenanthrene	1500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	82	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	390		ug/kg	150	25.	1
Pyrene	1500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	86	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	92	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	58		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/21 13:26
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02 Date Collected: 01/18/21 09:00

Client ID: SB-8 (6.5-8.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	61		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/21 16:49
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	100	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03 Date Collected: 01/18/21 09:40

Client ID: SB-9 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	78	J	ug/kg	110	21.	1
Benzo(a)pyrene	64	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	80	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	70	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	45	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	40	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	43	J	ug/kg	150	26.	1
Pyrene	110		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	63		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04
Client ID: SB-9 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/21 14:16
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04 Date Collected: 01/18/21 10:00

Client ID: SB-9 (6.5-8.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04
Client ID: SB-9 (6.5-8.5)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	61		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/30/21 16:50
Analyst: SG
Percent Solids: 84%

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.052	J	ng/g	0.528	0.024	1
Perfluoropentanoic Acid (PFPeA)	0.072	J	ng/g	0.528	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.264	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.528	0.056	1
Perfluoroheptanoic Acid (PFHpA)	0.050	J	ng/g	0.264	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.264	0.064	1
Perfluorooctanoic Acid (PFOA)	2.39		ng/g	0.264	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.528	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.528	0.144	1
Perfluorononanoic Acid (PFNA)	0.157	J	ng/g	0.264	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	0.928		ng/g	0.264	0.137	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.264	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.528	0.303	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.528	0.213	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.528	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.528	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.528	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.095	J	ng/g	0.528	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.528	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.528	0.216	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.528	0.057	1
PFOA/PFOS, Total	3.32		ng/g	0.264	0.044	1

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	105		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	77		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		24-159

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05 D
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 06:11
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	780	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	970	110	5
Hexachlorobenzene	ND		ug/kg	580	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	870	130	5
2-Chloronaphthalene	ND		ug/kg	970	96.	5
1,2-Dichlorobenzene	ND		ug/kg	970	170	5
1,3-Dichlorobenzene	ND		ug/kg	970	170	5
1,4-Dichlorobenzene	ND		ug/kg	970	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	970	260	5
2,4-Dinitrotoluene	ND		ug/kg	970	190	5
2,6-Dinitrotoluene	ND		ug/kg	970	170	5
Fluoranthene	3000		ug/kg	580	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	970	100	5
4-Bromophenyl phenyl ether	ND		ug/kg	970	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	97.	5
Hexachlorobutadiene	ND		ug/kg	970	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	880	5
Hexachloroethane	ND		ug/kg	780	160	5
Isophorone	ND		ug/kg	870	130	5
Naphthalene	ND		ug/kg	970	120	5
Nitrobenzene	ND		ug/kg	870	140	5
NDPA/DPA	ND		ug/kg	780	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	970	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	970	340	5
Butyl benzyl phthalate	ND		ug/kg	970	240	5
Di-n-butylphthalate	ND		ug/kg	970	180	5
Di-n-octylphthalate	ND		ug/kg	970	330	5

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05 D Date Collected: 01/18/21 10:10
Client ID: SB-10 (0-2) Date Received: 01/18/21
Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	970	90.	5
Dimethyl phthalate	ND		ug/kg	970	200	5
Benzo(a)anthracene	1500		ug/kg	580	110	5
Benzo(a)pyrene	1800		ug/kg	780	240	5
Benzo(b)fluoranthene	2300		ug/kg	580	160	5
Benzo(k)fluoranthene	730		ug/kg	580	160	5
Chrysene	1500		ug/kg	580	100	5
Acenaphthylene	550	J	ug/kg	780	150	5
Anthracene	410	J	ug/kg	580	190	5
Benzo(ghi)perylene	1300		ug/kg	780	110	5
Fluorene	180	J	ug/kg	970	94.	5
Phenanthrene	1700		ug/kg	580	120	5
Dibenzo(a,h)anthracene	310	J	ug/kg	580	110	5
Indeno(1,2,3-cd)pyrene	1300		ug/kg	780	140	5
Pyrene	2200		ug/kg	580	96.	5
Biphenyl	ND		ug/kg	2200	220	5
4-Chloroaniline	ND		ug/kg	970	180	5
2-Nitroaniline	ND		ug/kg	970	190	5
3-Nitroaniline	ND		ug/kg	970	180	5
4-Nitroaniline	ND		ug/kg	970	400	5
Dibenzofuran	ND		ug/kg	970	92.	5
2-Methylnaphthalene	ND		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	970	100	5
Acetophenone	ND		ug/kg	970	120	5
2,4,6-Trichlorophenol	ND		ug/kg	580	180	5
p-Chloro-m-cresol	ND		ug/kg	970	140	5
2-Chlorophenol	ND		ug/kg	970	110	5
2,4-Dichlorophenol	ND		ug/kg	870	160	5
2,4-Dimethylphenol	ND		ug/kg	970	320	5
2-Nitrophenol	ND		ug/kg	2100	360	5
4-Nitrophenol	ND		ug/kg	1400	400	5
2,4-Dinitrophenol	ND		ug/kg	4700	450	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	470	5
Pentachlorophenol	ND		ug/kg	780	210	5
Phenol	ND		ug/kg	970	150	5
2-Methylphenol	ND		ug/kg	970	150	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	150	5

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05 D
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	970	190	5
Benzoic Acid	ND		ug/kg	3100	980	5
Benzyl Alcohol	ND		ug/kg	970	300	5
Carbazole	220	J	ug/kg	970	94.	5
1,4-Dioxane	ND		ug/kg	140	45.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	55		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/21 13:51
Analyst: JG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06 Date Collected: 01/18/21 10:40

Client ID: SB-10 (7-9) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	65		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07 D
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/23/21 04:05
Analyst: SZ
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	730	94.	5
1,2,4-Trichlorobenzene	ND		ug/kg	910	100	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	820	120	5
2-Chloronaphthalene	ND		ug/kg	910	90.	5
1,2-Dichlorobenzene	ND		ug/kg	910	160	5
1,3-Dichlorobenzene	ND		ug/kg	910	160	5
1,4-Dichlorobenzene	ND		ug/kg	910	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	910	240	5
2,4-Dinitrotoluene	ND		ug/kg	910	180	5
2,6-Dinitrotoluene	ND		ug/kg	910	160	5
Fluoranthene	ND		ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	910	98.	5
4-Bromophenyl phenyl ether	ND		ug/kg	910	140	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	980	91.	5
Hexachlorobutadiene	ND		ug/kg	910	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	830	5
Hexachloroethane	ND		ug/kg	730	150	5
Isophorone	ND		ug/kg	820	120	5
Naphthalene	ND		ug/kg	910	110	5
Nitrobenzene	ND		ug/kg	820	140	5
NDPA/DPA	ND		ug/kg	730	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	910	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	910	320	5
Butyl benzyl phthalate	ND		ug/kg	910	230	5
Di-n-butylphthalate	ND		ug/kg	910	170	5
Di-n-octylphthalate	ND		ug/kg	910	310	5

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07 D
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	910	84.	5
Dimethyl phthalate	ND		ug/kg	910	190	5
Benzo(a)anthracene	ND		ug/kg	550	100	5
Benzo(a)pyrene	ND		ug/kg	730	220	5
Benzo(b)fluoranthene	ND		ug/kg	550	150	5
Benzo(k)fluoranthene	ND		ug/kg	550	140	5
Chrysene	ND		ug/kg	550	95.	5
Acenaphthylene	ND		ug/kg	730	140	5
Anthracene	ND		ug/kg	550	180	5
Benzo(ghi)perylene	ND		ug/kg	730	110	5
Fluorene	ND		ug/kg	910	89.	5
Phenanthrene	ND		ug/kg	550	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	550	100	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	730	130	5
Pyrene	ND		ug/kg	550	91.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	910	170	5
2-Nitroaniline	ND		ug/kg	910	180	5
3-Nitroaniline	ND		ug/kg	910	170	5
4-Nitroaniline	ND		ug/kg	910	380	5
Dibenzofuran	ND		ug/kg	910	86.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	910	95.	5
Acetophenone	ND		ug/kg	910	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	910	140	5
2-Chlorophenol	ND		ug/kg	910	110	5
2,4-Dichlorophenol	ND		ug/kg	820	150	5
2,4-Dimethylphenol	ND		ug/kg	910	300	5
2-Nitrophenol	ND		ug/kg	2000	340	5
4-Nitrophenol	ND		ug/kg	1300	370	5
2,4-Dinitrophenol	ND		ug/kg	4400	420	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	730	200	5
Phenol	ND		ug/kg	910	140	5
2-Methylphenol	ND		ug/kg	910	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07 D
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	910	170	5
Benzoic Acid	ND		ug/kg	3000	920	5
Benzyl Alcohol	ND		ug/kg	910	280	5
Carbazole	ND		ug/kg	910	89.	5
1,4-Dioxane	ND		ug/kg	140	42.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	46		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/21 23:02
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08 Date Collected: 01/18/21 12:00

Client ID: SB-13 (17.5-19.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	124		10-136
4-Terphenyl-d14	79		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09
Client ID: FIELD BLANK
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:50
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8270D
Analytical Date: 01/25/21 10:52
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 01/19/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
Fluoranthene	ND		ug/l	2.0	0.26	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09 Date Collected: 01/18/21 08:50

Client ID: FIELD BLANK Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.28	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Pentachlorophenol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09
Client ID: FIELD BLANK
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 08:50
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	92		41-149

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/21/21 00:46
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	350		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11 Date Collected: 01/18/21 13:00

Client ID: SB-18 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	190		ug/kg	120	23.	1
Benzo(a)pyrene	140	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	180		ug/kg	120	34.	1
Benzo(k)fluoranthene	50	J	ug/kg	120	32.	1
Chrysene	170		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	130	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	220		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	33	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	150	J	ug/kg	160	28.	1
Pyrene	330		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	69		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/20/21 22:36
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12 Date Collected: 01/18/21 13:20

Client ID: SB-18 (20-22) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	118		10-136
4-Terphenyl-d14	83		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/21 02:03
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/19/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1456255-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/21 02:03
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/19/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1456255-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/21 02:03
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/19/21 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1456255-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	69		41-149

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/21 12:36
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1456543-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/21 12:36
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1456543-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/20/21 12:36
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 01/19/21 16:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1456543-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	80		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/30/21 16:17
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 05 Batch: WG1460241-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/30/21 16:17
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 05 Batch: WG1460241-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	115		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	117		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	111		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	119		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	111		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	76		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		24-159

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/31/21 12:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 05 Batch: WG1460241-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	78		10-117

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1456255-2 WG1456255-3								
Acenaphthene	79		78		37-111	1		30
1,2,4-Trichlorobenzene	75		74		39-98	1		30
Hexachlorobenzene	78		76		40-140	3		30
Bis(2-chloroethyl)ether	74		70		40-140	6		30
2-Chloronaphthalene	74		76		40-140	3		30
1,2-Dichlorobenzene	71		69		40-140	3		30
1,3-Dichlorobenzene	70		69		40-140	1		30
1,4-Dichlorobenzene	71		68		36-97	4		30
3,3'-Dichlorobenzidine	59		63		40-140	7		30
2,4-Dinitrotoluene	77		84		48-143	9		30
2,6-Dinitrotoluene	72		82		40-140	13		30
Fluoranthene	75		82		40-140	9		30
4-Chlorophenyl phenyl ether	79		81		40-140	3		30
4-Bromophenyl phenyl ether	77		83		40-140	8		30
Bis(2-chloroisopropyl)ether	71		69		40-140	3		30
Bis(2-chloroethoxy)methane	72		73		40-140	1		30
Hexachlorobutadiene	74		73		40-140	1		30
Hexachlorocyclopentadiene	69		71		40-140	3		30
Hexachloroethane	70		68		40-140	3		30
Isophorone	75		76		40-140	1		30
Naphthalene	75		73		40-140	3		30
Nitrobenzene	78		76		40-140	3		30
NDPA/DPA	76		80		40-140	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1456255-2 WG1456255-3								
n-Nitrosodi-n-propylamine	78		76		29-132	3		30
Bis(2-ethylhexyl)phthalate	72		78		40-140	8		30
Butyl benzyl phthalate	68		84		40-140	21		30
Di-n-butylphthalate	71		82		40-140	14		30
Di-n-octylphthalate	74		80		40-140	8		30
Diethyl phthalate	77		82		40-140	6		30
Dimethyl phthalate	76		83		40-140	9		30
Benzo(a)anthracene	79		81		40-140	3		30
Benzo(a)pyrene	90		89		40-140	1		30
Benzo(b)fluoranthene	82		88		40-140	7		30
Benzo(k)fluoranthene	92		85		40-140	8		30
Chrysene	80		84		40-140	5		30
Acenaphthylene	74		78		45-123	5		30
Anthracene	80		82		40-140	2		30
Benzo(ghi)perylene	93		94		40-140	1		30
Fluorene	80		83		40-140	4		30
Phenanthrene	78		80		40-140	3		30
Dibenzo(a,h)anthracene	95		96		40-140	1		30
Indeno(1,2,3-cd)pyrene	91		96		40-140	5		30
Pyrene	74		83		26-127	11		30
Biphenyl	78		81		40-140	4		30
4-Chloroaniline	75		52		40-140	**36**	Q	30
2-Nitroaniline	73		82		52-143	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1456255-2 WG1456255-3								
3-Nitroaniline	71		78		25-145	9		30
4-Nitroaniline	73		74		51-143	1		30
Dibenzofuran	80		80		40-140	0		30
2-Methylnaphthalene	76		75		40-140	1		30
1,2,4,5-Tetrachlorobenzene	77		78		2-134	1		30
Acetophenone	78		76		39-129	3		30
2,4,6-Trichlorophenol	74		79		30-130	7		30
p-Chloro-m-cresol	76		81		23-97	6		30
2-Chlorophenol	78		74		27-123	5		30
2,4-Dichlorophenol	77		76		30-130	1		30
2,4-Dimethylphenol	64		50		30-130	25		30
2-Nitrophenol	81		83		30-130	2		30
4-Nitrophenol	70		78		10-80	11		30
2,4-Dinitrophenol	80		91		20-130	13		30
4,6-Dinitro-o-cresol	82		90		20-164	9		30
Pentachlorophenol	65		80		9-103	21		30
Phenol	61		62		12-110	2		30
2-Methylphenol	72		68		30-130	6		30
3-Methylphenol/4-Methylphenol	73		73		30-130	0		30
2,4,5-Trichlorophenol	76		81		30-130	6		30
Benzoic Acid	58		77		10-164	28		30
Benzyl Alcohol	76		79		26-116	4		30
Carbazole	78		83		55-144	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1456255-2 WG1456255-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		68		21-120
Phenol-d6	57		58		10-120
Nitrobenzene-d5	73		71		23-120
2-Fluorobiphenyl	71		73		15-120
2,4,6-Tribromophenol	83		87		10-120
4-Terphenyl-d14	67		75		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1456543-2 WG1456543-3								
Acenaphthene	82		78		31-137	5		50
1,2,4-Trichlorobenzene	75		62		38-107	19		50
Hexachlorobenzene	81		74		40-140	9		50
Bis(2-chloroethyl)ether	79		79		40-140	0		50
2-Chloronaphthalene	86		93		40-140	8		50
1,2-Dichlorobenzene	69		69		40-140	0		50
1,3-Dichlorobenzene	69		67		40-140	3		50
1,4-Dichlorobenzene	66		69		28-104	4		50
3,3'-Dichlorobenzidine	73		70		40-140	4		50
2,4-Dinitrotoluene	80		83		40-132	4		50
2,6-Dinitrotoluene	83		96		40-140	15		50
Fluoranthene	79		80		40-140	1		50
4-Chlorophenyl phenyl ether	82		72		40-140	13		50
4-Bromophenyl phenyl ether	78		68		40-140	14		50
Bis(2-chloroisopropyl)ether	74		75		40-140	1		50
Bis(2-chloroethoxy)methane	91		68		40-117	29		50
Hexachlorobutadiene	66		68		40-140	3		50
Hexachlorocyclopentadiene	61		74		40-140	19		50
Hexachloroethane	74		72		40-140	3		50
Isophorone	84		60		40-140	33		50
Naphthalene	73		82		40-140	12		50
Nitrobenzene	66		69		40-140	4		50
NDPA/DPA	88		77		36-157	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1456543-2 WG1456543-3								
n-Nitrosodi-n-propylamine	71		66		32-121	7		50
Bis(2-ethylhexyl)phthalate	102		98		40-140	4		50
Butyl benzyl phthalate	101		100		40-140	1		50
Di-n-butylphthalate	86		90		40-140	5		50
Di-n-octylphthalate	108		106		40-140	2		50
Diethyl phthalate	79		81		40-140	3		50
Dimethyl phthalate	84		93		40-140	10		50
Benzo(a)anthracene	84		82		40-140	2		50
Benzo(a)pyrene	86		86		40-140	0		50
Benzo(b)fluoranthene	83		83		40-140	0		50
Benzo(k)fluoranthene	84		84		40-140	0		50
Chrysene	84		83		40-140	1		50
Acenaphthylene	82		92		40-140	11		50
Anthracene	83		80		40-140	4		50
Benzo(ghi)perylene	84		89		40-140	6		50
Fluorene	75		77		40-140	3		50
Phenanthrene	85		82		40-140	4		50
Dibenzo(a,h)anthracene	82		87		40-140	6		50
Indeno(1,2,3-cd)pyrene	85		89		40-140	5		50
Pyrene	80		80		35-142	0		50
Biphenyl	88		95		37-127	8		50
4-Chloroaniline	75		83		40-140	10		50
2-Nitroaniline	97		105		47-134	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1456543-2 WG1456543-3								
3-Nitroaniline	82		80		26-129	2		50
4-Nitroaniline	96		86		41-125	11		50
Dibenzofuran	77		77		40-140	0		50
2-Methylnaphthalene	64		88		40-140	32		50
1,2,4,5-Tetrachlorobenzene	73		89		40-117	20		50
Acetophenone	90		82		14-144	9		50
2,4,6-Trichlorophenol	90		96		30-130	6		50
p-Chloro-m-cresol	79		**109**	Q	26-103	32		50
2-Chlorophenol	79		81		25-102	3		50
2,4-Dichlorophenol	88		69		30-130	24		50
2,4-Dimethylphenol	97		70		30-130	32		50
2-Nitrophenol	92		76		30-130	19		50
4-Nitrophenol	84		94		11-114	11		50
2,4-Dinitrophenol	83		78		4-130	6		50
4,6-Dinitro-o-cresol	96		86		10-130	11		50
Pentachlorophenol	101		86		17-109	16		50
Phenol	80		82		26-90	2		50
2-Methylphenol	86		85		30-130.	1		50
3-Methylphenol/4-Methylphenol	91		90		30-130	1		50
2,4,5-Trichlorophenol	90		96		30-130	6		50
Benzoic Acid	97		84		10-110	14		50
Benzyl Alcohol	88		78		40-140	12		50
Carbazole	85		84		54-128	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1456543-2 WG1456543-3								
1,4-Dioxane	61		56		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		80		25-120
Phenol-d6	90		92		10-120
Nitrobenzene-d5	72		72		23-120
2-Fluorobiphenyl	82		89		30-120
2,4,6-Tribromophenol	89		79		10-136
4-Terphenyl-d14	70		76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 Batch: WG1460241-2								
Perfluorobutanoic Acid (PFBA)	100		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	103		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	108		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	103		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	103		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	101		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	107		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	96		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	103		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	114		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	101		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	112		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	105		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	99		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	112		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 Batch: WG1460241-2

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	111				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	63				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	65				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70				24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 Batch: WG1460241-2								
Perfluorooctanesulfonamide (FOSA)	109		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	78				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab (0-2)	Associated sample(s): 05	QC Batch ID: WG1460241-3		QC Sample: L2102678-05		Client ID: SB-10						
Perfluorobutanoic Acid (PFBA)	0.052J	5.42	5.40	99		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	0.072J	5.42	5.64	103		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.81	5.30	110		-	-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	ND	5.42	5.59	103		-	-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	0.050J	5.42	5.55	102		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.95	5.12	103		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	2.39	5.42	8.29	109		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.16	5.80	112		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.16	5.96	116		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	0.157J	5.42	5.22	94		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	0.928	5.03	6.63	113		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	5.42	5.61	104		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.2	5.96F	115		-	-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.42	4.99	92		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.42	5.76	106		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.22	6.59	126		-	-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	ND	5.42	4.99	92		-	-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.095J	5.42	5.38	98		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	5.42	5.90	109		-	-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.42	5.43	100		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	5.42	6.27	116		-	-		69-133	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1460241-3 QC Sample: L2102678-05 Client ID: SB-10 (0-2)												

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	78				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63				34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100				75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107				78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	97				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106				58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15				10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97				79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109				74-139

Lab Duplicate Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1460241-4 QC Sample: L2102822-01 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	1.56	1.40	ng/g	11		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	0.337	0.315	ng/g	7		30
Perfluorooctanesulfonic Acid (PFOS)	0.602	0.510	ng/g	17		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.144JF	0.105J	ng/g	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1460241-4 QC Sample: L2102822-01 Client ID: DUP Sample						
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30
PFOA/PFOS, Total	2.16	1.91	ng/g	12		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	67		80		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		87		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	79		89		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	58		67		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		90		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	72		83		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	79		89		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**68**	Q	79		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	43		45		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**71**	Q	82		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**65**	Q	**76**	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**63**	Q	75		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	44		54		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**18**	Q	**24**	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**59**	Q	72		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**18**	Q	**22**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**46**	Q	57		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**17**	Q	**23**	Q	24-159

Lab Duplicate Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1460241-4 QC Sample: L2102822-01 Client ID: DUP Sample						
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		60		10-117

PCBS

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/21 22:23
Analyst: CW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.68	1	A
Aroclor 1232	ND		ug/kg	36.7	7.79	1	A
Aroclor 1242	ND		ug/kg	36.7	4.95	1	A
Aroclor 1248	ND		ug/kg	36.7	5.51	1	A
Aroclor 1254	21.4	J	ug/kg	36.7	4.02	1	B
Aroclor 1260	12.4	J	ug/kg	36.7	6.79	1	A
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	4.17	J	ug/kg	36.7	3.80	1	B
PCBs, Total	38.0	J	ug/kg	36.7	3.26	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/21 22:36
Analyst: CW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.24	1	A
Aroclor 1221	ND		ug/kg	36.4	3.65	1	A
Aroclor 1232	ND		ug/kg	36.4	7.72	1	A
Aroclor 1242	ND		ug/kg	36.4	4.91	1	A
Aroclor 1248	ND		ug/kg	36.4	5.46	1	A
Aroclor 1254	ND		ug/kg	36.4	3.99	1	A
Aroclor 1260	ND		ug/kg	36.4	6.73	1	A
Aroclor 1262	ND		ug/kg	36.4	4.63	1	A
Aroclor 1268	ND		ug/kg	36.4	3.78	1	A
PCBs, Total	ND		ug/kg	36.4	3.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/21 22:48
Analyst: CW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.1	3.38	1	A
Aroclor 1221	ND		ug/kg	38.1	3.82	1	A
Aroclor 1232	ND		ug/kg	38.1	8.08	1	A
Aroclor 1242	ND		ug/kg	38.1	5.14	1	A
Aroclor 1248	ND		ug/kg	38.1	5.72	1	A
Aroclor 1254	ND		ug/kg	38.1	4.17	1	A
Aroclor 1260	ND		ug/kg	38.1	7.04	1	A
Aroclor 1262	ND		ug/kg	38.1	4.84	1	A
Aroclor 1268	ND		ug/kg	38.1	3.95	1	A
PCBs, Total	ND		ug/kg	38.1	3.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04
Client ID: SB-9 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/21 23:01
Analyst: CW
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.1	3.38	1	A
Aroclor 1221	ND		ug/kg	38.1	3.81	1	A
Aroclor 1232	ND		ug/kg	38.1	8.07	1	A
Aroclor 1242	ND		ug/kg	38.1	5.13	1	A
Aroclor 1248	ND		ug/kg	38.1	5.71	1	A
Aroclor 1254	ND		ug/kg	38.1	4.16	1	A
Aroclor 1260	ND		ug/kg	38.1	7.04	1	A
Aroclor 1262	ND		ug/kg	38.1	4.84	1	A
Aroclor 1268	ND		ug/kg	38.1	3.94	1	A
PCBs, Total	ND		ug/kg	38.1	3.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/21 23:14
Analyst: CW
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.7	3.44	1	A
Aroclor 1221	ND		ug/kg	38.7	3.88	1	A
Aroclor 1232	ND		ug/kg	38.7	8.21	1	A
Aroclor 1242	ND		ug/kg	38.7	5.22	1	A
Aroclor 1248	ND		ug/kg	38.7	5.81	1	A
Aroclor 1254	ND		ug/kg	38.7	4.24	1	A
Aroclor 1260	8.34	J	ug/kg	38.7	7.16	1	B
Aroclor 1262	ND		ug/kg	38.7	4.92	1	A
Aroclor 1268	ND		ug/kg	38.7	4.01	1	A
PCBs, Total	8.34	J	ug/kg	38.7	3.44	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/21 23:26
Analyst: CW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/20/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	3.22	1	A
Aroclor 1221	ND		ug/kg	36.2	3.63	1	A
Aroclor 1232	ND		ug/kg	36.2	7.68	1	A
Aroclor 1242	ND		ug/kg	36.2	4.88	1	A
Aroclor 1248	ND		ug/kg	36.2	5.43	1	A
Aroclor 1254	ND		ug/kg	36.2	3.96	1	A
Aroclor 1260	ND		ug/kg	36.2	6.70	1	A
Aroclor 1262	ND		ug/kg	36.2	4.60	1	A
Aroclor 1268	ND		ug/kg	36.2	3.75	1	A
PCBs, Total	ND		ug/kg	36.2	3.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/21 23:39
Analyst: CW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	3.13	1	A
Aroclor 1221	ND		ug/kg	35.2	3.53	1	A
Aroclor 1232	ND		ug/kg	35.2	7.47	1	A
Aroclor 1242	ND		ug/kg	35.2	4.75	1	A
Aroclor 1248	ND		ug/kg	35.2	5.28	1	A
Aroclor 1254	9.13	J	ug/kg	35.2	3.85	1	B
Aroclor 1260	ND		ug/kg	35.2	6.51	1	A
Aroclor 1262	ND		ug/kg	35.2	4.48	1	A
Aroclor 1268	ND		ug/kg	35.2	3.65	1	A
PCBs, Total	9.13	J	ug/kg	35.2	3.13	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/20/21 23:52
Analyst: CW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	3.13	1	A
Aroclor 1221	ND		ug/kg	35.2	3.53	1	A
Aroclor 1232	ND		ug/kg	35.2	7.46	1	A
Aroclor 1242	ND		ug/kg	35.2	4.75	1	A
Aroclor 1248	ND		ug/kg	35.2	5.28	1	A
Aroclor 1254	ND		ug/kg	35.2	3.85	1	A
Aroclor 1260	ND		ug/kg	35.2	6.51	1	A
Aroclor 1262	ND		ug/kg	35.2	4.47	1	A
Aroclor 1268	ND		ug/kg	35.2	3.65	1	A
PCBs, Total	ND		ug/kg	35.2	3.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09
Client ID: FIELD BLANK
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:50
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:46
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 01/19/21 07:26
Cleanup Method: EPA 3665A
Cleanup Date: 01/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/19/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	B
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 00:05
Analyst: CW
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	3.52	1	A
Aroclor 1221	ND		ug/kg	39.7	3.98	1	A
Aroclor 1232	ND		ug/kg	39.7	8.42	1	A
Aroclor 1242	ND		ug/kg	39.7	5.35	1	A
Aroclor 1248	ND		ug/kg	39.7	5.96	1	A
Aroclor 1254	ND		ug/kg	39.7	4.34	1	A
Aroclor 1260	ND		ug/kg	39.7	7.34	1	A
Aroclor 1262	ND		ug/kg	39.7	5.04	1	A
Aroclor 1268	ND		ug/kg	39.7	4.11	1	A
PCBs, Total	ND		ug/kg	39.7	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	32		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 00:17
Analyst: CW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	3.06	1	A
Aroclor 1221	ND		ug/kg	34.5	3.45	1	A
Aroclor 1232	ND		ug/kg	34.5	7.31	1	A
Aroclor 1242	ND		ug/kg	34.5	4.65	1	A
Aroclor 1248	ND		ug/kg	34.5	5.17	1	A
Aroclor 1254	ND		ug/kg	34.5	3.77	1	A
Aroclor 1260	ND		ug/kg	34.5	6.37	1	A
Aroclor 1262	ND		ug/kg	34.5	4.38	1	A
Aroclor 1268	ND		ug/kg	34.5	3.57	1	A
PCBs, Total	ND		ug/kg	34.5	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/18/21 19:00
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 01/18/21 15:46
Cleanup Method: EPA 3665A
Cleanup Date: 01/18/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/18/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09 Batch: WG1456096-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/20/21 19:39
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 01/19/21 15:28
Cleanup Method: EPA 3665A
Cleanup Date: 01/19/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/20/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1456497-1						
Aroclor 1016	ND		ug/kg	31.9	2.84	A
Aroclor 1221	ND		ug/kg	31.9	3.20	A
Aroclor 1232	ND		ug/kg	31.9	6.77	A
Aroclor 1242	ND		ug/kg	31.9	4.30	A
Aroclor 1248	ND		ug/kg	31.9	4.79	A
Aroclor 1254	ND		ug/kg	31.9	3.49	A
Aroclor 1260	ND		ug/kg	31.9	5.90	A
Aroclor 1262	ND		ug/kg	31.9	4.05	A
Aroclor 1268	ND		ug/kg	31.9	3.31	A
PCBs, Total	ND		ug/kg	31.9	2.84	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09 Batch: WG1456096-2 WG1456096-3									
Aroclor 1016	118		90		40-140	27		50	A
Aroclor 1260	94		76		40-140	20		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		71		30-150	A
Decachlorobiphenyl	83		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		62		30-150	B
Decachlorobiphenyl	103		73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1456497-2 WG1456497-3									
Aroclor 1016	66		66		40-140	0		50	A
Aroclor 1260	60		61		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		72		30-150	A
Decachlorobiphenyl	66		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		75		30-150	B
Decachlorobiphenyl	83		85		30-150	B

PESTICIDES

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 12:05
Analyst: SDC
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.967	1	A
Endrin	ND		ug/kg	0.716	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	9.58		ug/kg	1.07	0.537	1	A
4,4'-DDE	12.1		ug/kg	1.72	0.397	1	A
4,4'-DDD	3.38	P	ug/kg	1.72	0.613	1	A
4,4'-DDT	10.5		ug/kg	3.22	1.38	1	B
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	5.97	IP	ug/kg	2.15	0.599	1	B
trans-Chlordane	5.25		ug/kg	2.15	0.567	1	A
Chlordane	84.4		ug/kg	14.3	5.69	1	B

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 15:43
Analyst: AR
Percent Solids: 89%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.7	1	A
2,4,5-T	ND		ug/kg	185	5.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	81		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 12:17
Analyst: SDC
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.715	0.320	1	A
Alpha-BHC	ND		ug/kg	0.715	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	ND		ug/kg	0.858	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.965	1	A
Endrin	ND		ug/kg	0.715	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.751	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.612	1	A
4,4'-DDT	ND		ug/kg	3.22	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.405	1	A
Endosulfan II	ND		ug/kg	1.72	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.715	0.340	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.01	1	A
cis-Chlordane	ND		ug/kg	2.14	0.598	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02 Date Collected: 01/18/21 09:00

Client ID: SB-8 (6.5-8.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 16:01
Analyst: AR
Percent Solids: 88%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.79	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	82		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 12:30
Analyst: SDC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.346	1	A
Lindane	ND		ug/kg	0.737	0.330	1	A
Alpha-BHC	ND		ug/kg	0.737	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	1.04	J	ug/kg	3.32	0.995	1	A
Endrin	ND		ug/kg	0.737	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.774	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.553	1	A
4,4'-DDE	1.38	J	ug/kg	1.77	0.409	1	B
4,4'-DDD	ND		ug/kg	1.77	0.631	1	B
4,4'-DDT	4.42		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.591	1	A
Endosulfan sulfate	ND		ug/kg	0.737	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	4.67		ug/kg	2.21	0.616	1	A
trans-Chlordane	4.32		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.7	5.86	1	A

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 16:20
Analyst: AR
Percent Solids: 87%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	187	11.8	1	A
2,4,5-T	ND		ug/kg	187	5.79	1	A
2,4,5-TP (Silvex)	ND		ug/kg	187	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	85		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04
Client ID: SB-9 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 12:42
Analyst: SDC
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.365	1	A
Lindane	ND		ug/kg	0.777	0.347	1	A
Alpha-BHC	ND		ug/kg	0.777	0.221	1	A
Beta-BHC	ND		ug/kg	1.86	0.707	1	A
Heptachlor	ND		ug/kg	0.933	0.418	1	A
Aldrin	ND		ug/kg	1.86	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.777	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.816	1	A
Endrin ketone	ND		ug/kg	1.86	0.480	1	A
Dieldrin	ND		ug/kg	1.16	0.583	1	A
4,4'-DDE	ND		ug/kg	1.86	0.431	1	A
4,4'-DDD	ND		ug/kg	1.86	0.665	1	A
4,4'-DDT	ND		ug/kg	3.50	1.50	1	A
Endosulfan I	ND		ug/kg	1.86	0.441	1	A
Endosulfan II	ND		ug/kg	1.86	0.623	1	A
Endosulfan sulfate	ND		ug/kg	0.777	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.79	1	A
cis-Chlordane	ND		ug/kg	2.33	0.650	1	A
trans-Chlordane	ND		ug/kg	2.33	0.616	1	A
Chlordane	ND		ug/kg	15.5	6.18	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04 Date Collected: 01/18/21 10:00

Client ID: SB-9 (6.5-8.5) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04
Client ID: SB-9 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 16:56
Analyst: AR
Percent Solids: 84%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.05	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	69		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 21:48
Analyst: AR
Percent Solids: 84%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.06	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	90		30-150	A
DCAA	86		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05 D
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 12:55
Analyst: SDC
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.38	1.84	5	A
Lindane	ND		ug/kg	3.91	1.75	5	A
Alpha-BHC	ND		ug/kg	3.91	1.11	5	A
Beta-BHC	ND		ug/kg	9.38	3.56	5	A
Heptachlor	ND		ug/kg	4.69	2.10	5	A
Aldrin	ND		ug/kg	9.38	3.30	5	A
Heptachlor epoxide	ND		ug/kg	17.6	5.27	5	A
Endrin	ND		ug/kg	3.91	1.60	5	A
Endrin aldehyde	ND		ug/kg	11.7	4.10	5	A
Endrin ketone	ND		ug/kg	9.38	2.41	5	A
Dieldrin	7.48		ug/kg	5.86	2.93	5	B
4,4'-DDE	43.6		ug/kg	9.38	2.17	5	A
4,4'-DDD	13.3		ug/kg	9.38	3.34	5	B
4,4'-DDT	167		ug/kg	17.6	7.54	5	A
Endosulfan I	ND		ug/kg	9.38	2.22	5	A
Endosulfan II	ND		ug/kg	9.38	3.13	5	A
Endosulfan sulfate	ND		ug/kg	3.91	1.86	5	A
Methoxychlor	ND		ug/kg	17.6	5.47	5	A
Toxaphene	ND		ug/kg	176	49.2	5	A
cis-Chlordane	5.59	J	ug/kg	11.7	3.27	5	A
trans-Chlordane	9.44	J	ug/kg	11.7	3.09	5	A
Chlordane	ND		ug/kg	78.1	31.1	5	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05 D
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 13:08
Analyst: SDC
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.699	0.313	1	A
Alpha-BHC	ND		ug/kg	0.699	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 17:14
Analyst: AR
Percent Solids: 92%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.50	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	80		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 17:33
Analyst: AR
Percent Solids: 91%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.53	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.75	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	62		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07 D
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 13:20
Analyst: SDC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	17.2	3.37	10	A
Lindane	ND		ug/kg	7.17	3.20	10	A
Alpha-BHC	ND		ug/kg	7.17	2.04	10	A
Beta-BHC	ND		ug/kg	17.2	6.53	10	A
Heptachlor	ND		ug/kg	8.60	3.86	10	A
Aldrin	ND		ug/kg	17.2	6.06	10	A
Heptachlor epoxide	ND		ug/kg	32.3	9.68	10	A
Endrin	ND		ug/kg	7.17	2.94	10	A
Endrin aldehyde	ND		ug/kg	21.5	7.53	10	A
Endrin ketone	ND		ug/kg	17.2	4.43	10	A
Dieldrin	ND		ug/kg	10.8	5.38	10	A
4,4'-DDE	ND		ug/kg	17.2	3.98	10	A
4,4'-DDD	ND		ug/kg	17.2	6.14	10	A
4,4'-DDT	ND		ug/kg	32.3	13.8	10	A
Endosulfan I	ND		ug/kg	17.2	4.07	10	A
Endosulfan II	ND		ug/kg	17.2	5.75	10	A
Endosulfan sulfate	ND		ug/kg	7.17	3.41	10	A
Methoxychlor	ND		ug/kg	32.3	10.0	10	A
Toxaphene	ND		ug/kg	323	90.4	10	A
cis-Chlordane	ND		ug/kg	21.5	6.00	10	A
trans-Chlordane	ND		ug/kg	21.5	5.68	10	A
Chlordane	ND		ug/kg	143	57.0	10	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07 D
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 13:33
Analyst: SDC
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 19:22
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.687	0.307	1	A
Alpha-BHC	ND		ug/kg	0.687	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.625	1	A
Heptachlor	ND		ug/kg	0.825	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.581	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.928	1	A
Endrin	ND		ug/kg	0.687	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.722	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.515	1	A
4,4'-DDE	ND		ug/kg	1.65	0.381	1	A
4,4'-DDD	ND		ug/kg	1.65	0.588	1	A
4,4'-DDT	ND		ug/kg	3.09	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.551	1	A
Endosulfan sulfate	ND		ug/kg	0.687	0.327	1	A
Methoxychlor	ND		ug/kg	3.09	0.962	1	A
Toxaphene	ND		ug/kg	30.9	8.66	1	A
cis-Chlordane	ND		ug/kg	2.06	0.575	1	A
trans-Chlordane	ND		ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.7	5.46	1	A

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 17:51
Analyst: AR
Percent Solids: 92%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.45	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	80		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09
Client ID: FIELD BLANK
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:50
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8081B
Analytical Date: 01/25/21 19:31
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 01/25/21 13:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09 Date Collected: 01/18/21 08:50

Client ID: FIELD BLANK Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09
Client ID: FIELD BLANK
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:50
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Field Blank
Analytical Method: 1,8151A
Analytical Date: 01/21/21 14:12
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 23:02

Methylation Date: 01/21/21 08:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	88		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 13:45
Analyst: SDC
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 19:22
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.796	0.356	1	A
Alpha-BHC	ND		ug/kg	0.796	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.724	1	A
Heptachlor	ND		ug/kg	0.955	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.07	1	A
Endrin	ND		ug/kg	0.796	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	ND		ug/kg	1.19	0.597	1	A
4,4'-DDE	6.15		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.682	1	A
4,4'-DDT	5.97		ug/kg	3.58	1.54	1	B
Endosulfan I	ND		ug/kg	1.91	0.451	1	A
Endosulfan II	ND		ug/kg	1.91	0.638	1	A
Endosulfan sulfate	ND		ug/kg	0.796	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.11	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	1.03	JP	ug/kg	2.39	0.666	1	A
trans-Chlordane	ND		ug/kg	2.39	0.630	1	A
Chlordane	ND		ug/kg	15.9	6.33	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102678

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11 Date Collected: 01/18/21 13:00

Client ID: SB-18 (0-2) Date Received: 01/18/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 18:09
Analyst: AR
Percent Solids: 81%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.17	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	80		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/21/21 13:58
Analyst: SDC
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/19/21 19:22
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.707	0.316	1	A
Alpha-BHC	ND		ug/kg	0.707	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.955	1	A
Endrin	ND		ug/kg	0.707	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	3.18	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.707	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.990	1	A
Toxaphene	ND		ug/kg	31.8	8.91	1	A
cis-Chlordane	ND		ug/kg	2.12	0.591	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	14.1	5.62	1	A

Project Name: LIBERTY TOWERS
Lab Number: L2102678
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/21/21 18:27
Analyst: AR
Percent Solids: 92%
Methylation Date: 01/21/21 08:18

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	177	11.2	1	A
2,4,5-T	ND		ug/kg	177	5.49	1	A
2,4,5-TP (Silvex)	ND		ug/kg	177	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	76		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/21/21 11:27
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1456562-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/21/21 11:27
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 01/19/21 18:35
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1456562-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 01/21/21 11:02
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:48

Methylation Date: 01/20/21 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-08,11-12 Batch: WG1456660-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	82		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 01/21/21 13:17
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 23:02

Methylation Date: 01/21/21 08:11

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 09 Batch: WG1457091-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	88		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/25/21 19:00
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 01/25/21 13:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1458368-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A
4,4'-DDT	0.010	J	ug/l	0.029	0.003	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/25/21 19:00
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 01/25/21 13:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09 Batch: WG1458368-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	51		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1456562-2 WG1456562-3									
Delta-BHC	77		77		30-150	0		30	A
Lindane	76		70		30-150	8		30	A
Alpha-BHC	82		77		30-150	6		30	A
Beta-BHC	95		86		30-150	10		30	A
Heptachlor	105		102		30-150	3		30	A
Aldrin	75		69		30-150	8		30	A
Heptachlor epoxide	92		89		30-150	3		30	A
Endrin	107		97		30-150	10		30	A
Endrin aldehyde	64		48		30-150	29		30	A
Endrin ketone	96		68		30-150	**34**	Q	30	A
Dieldrin	101		92		30-150	9		30	A
4,4'-DDE	90		88		30-150	2		30	A
4,4'-DDD	107		93		30-150	14		30	A
4,4'-DDT	109		92		30-150	17		30	A
Endosulfan I	94		97		30-150	3		30	A
Endosulfan II	106		90		30-150	16		30	A
Endosulfan sulfate	83		68		30-150	20		30	A
Methoxychlor	124		90		30-150	**32**	Q	30	A
cis-Chlordane	84		81		30-150	4		30	A
trans-Chlordane	104		91		30-150	13		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1456562-2 WG1456562-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		64		30-150	A
Decachlorobiphenyl	80		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		71		30-150	B
Decachlorobiphenyl	88		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-08,11-12 Batch: WG1456660-2 WG1456660-3									
2,4-D	86		86		30-150	0		30	A
2,4,5-T	82		81		30-150	1		30	A
2,4,5-TP (Silvex)	81		80		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	85		85		30-150	A
DCAA	81		81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1457091-2 WG1457091-3									
2,4-D	88		92		30-150	4		25	A
2,4,5-T	87		90		30-150	3		25	A
2,4,5-TP (Silvex)	85		89		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	93		96		30-150	A
DCAA	96		96		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1458368-2 WG1458368-3									
Delta-BHC	38		32		30-150	15		20	A
Lindane	52		46		30-150	12		20	A
Alpha-BHC	53		47		30-150	12		20	A
Beta-BHC	54		47		30-150	12		20	A
Heptachlor	55		49		30-150	12		20	A
Aldrin	52		45		30-150	13		20	A
Heptachlor epoxide	52		47		30-150	10		20	A
Endrin	55		49		30-150	11		20	A
Endrin aldehyde	50		43		30-150	16		20	A
Endrin ketone	53		48		30-150	11		20	A
Dieldrin	56		50		30-150	11		20	A
4,4'-DDE	52		47		30-150	11		20	A
4,4'-DDD	57		50		30-150	12		20	A
4,4'-DDT	52		47		30-150	10		20	A
Endosulfan I	52		47		30-150	11		20	A
Endosulfan II	53		47		30-150	12		20	A
Endosulfan sulfate	49		44		30-150	11		20	A
Methoxychlor	59		53		30-150	10		20	A
cis-Chlordane	49		44		30-150	10		20	A
trans-Chlordane	52		47		30-150	10		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09 Batch: WG1458368-2 WG1458368-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		44		30-150	A
Decachlorobiphenyl	57		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		43		30-150	B
Decachlorobiphenyl	54		49		30-150	B

METALS

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2570		mg/kg	8.95	2.42	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Antimony, Total	1.89	J	mg/kg	4.47	0.340	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Arsenic, Total	3.31		mg/kg	0.895	0.186	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Barium, Total	23.9		mg/kg	0.895	0.156	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Beryllium, Total	0.170	J	mg/kg	0.447	0.030	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Cadmium, Total	0.644	J	mg/kg	0.895	0.088	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Calcium, Total	1230		mg/kg	8.95	3.13	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Chromium, Total	91.6		mg/kg	0.895	0.086	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Cobalt, Total	60.5		mg/kg	1.79	0.148	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Copper, Total	9.99		mg/kg	0.895	0.231	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Iron, Total	27400		mg/kg	4.47	0.808	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Lead, Total	3.38	J	mg/kg	4.47	0.240	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Magnesium, Total	99600		mg/kg	89.5	13.8	20	01/19/21 20:15	01/20/21 16:39	EPA 3050B	1,6010D	BV
Manganese, Total	543		mg/kg	0.895	0.142	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.079	0.051	1	01/19/21 20:43	01/25/21 09:22	EPA 7471B	1,7471B	VW
Nickel, Total	1280		mg/kg	2.24	0.216	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Potassium, Total	471		mg/kg	224	12.9	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Selenium, Total	0.233	J	mg/kg	1.79	0.231	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.895	0.253	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Sodium, Total	88.8	J	mg/kg	179	2.82	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Thallium, Total	1.12	J	mg/kg	1.79	0.282	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Vanadium, Total	13.0		mg/kg	0.895	0.182	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD
Zinc, Total	25.8		mg/kg	4.47	0.262	2	01/19/21 20:15	01/20/21 09:50	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	84.5		mg/kg	8.58	2.32	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Antimony, Total	2.26	J	mg/kg	4.29	0.326	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Arsenic, Total	2.37		mg/kg	0.858	0.178	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Barium, Total	23.1		mg/kg	0.858	0.149	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.429	0.028	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Cadmium, Total	0.824	J	mg/kg	0.858	0.084	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Calcium, Total	338		mg/kg	8.58	3.00	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Chromium, Total	119		mg/kg	0.858	0.082	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Cobalt, Total	81.0		mg/kg	1.72	0.142	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Copper, Total	ND		mg/kg	0.858	0.221	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Iron, Total	36500		mg/kg	4.29	0.775	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Lead, Total	ND		mg/kg	4.29	0.230	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Magnesium, Total	140000		mg/kg	8.58	1.32	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Manganese, Total	1920		mg/kg	0.858	0.136	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.081	0.053	1	01/19/21 20:43	01/25/21 09:26	EPA 7471B	1,7471B	VW
Nickel, Total	1620		mg/kg	2.14	0.208	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Potassium, Total	ND		mg/kg	214	12.4	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.72	0.221	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.858	0.243	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Sodium, Total	44.0	J	mg/kg	172	2.70	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Thallium, Total	3.75		mg/kg	1.72	0.270	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Vanadium, Total	3.13		mg/kg	0.858	0.174	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD
Zinc, Total	10.1		mg/kg	4.29	0.251	2	01/19/21 20:15	01/20/21 09:54	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2250		mg/kg	8.76	2.36	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Antimony, Total	1.33	J	mg/kg	4.38	0.333	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Arsenic, Total	5.97		mg/kg	0.876	0.182	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Barium, Total	41.8		mg/kg	0.876	0.152	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Beryllium, Total	0.193	J	mg/kg	0.438	0.029	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Cadmium, Total	0.683	J	mg/kg	0.876	0.086	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Calcium, Total	1470		mg/kg	8.76	3.06	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Chromium, Total	46.2		mg/kg	0.876	0.084	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Cobalt, Total	49.0		mg/kg	1.75	0.145	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Copper, Total	13.0		mg/kg	0.876	0.226	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Iron, Total	27400		mg/kg	4.38	0.791	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Lead, Total	44.7		mg/kg	4.38	0.235	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Magnesium, Total	96200		mg/kg	87.6	13.5	20	01/19/21 20:15	01/20/21 15:44	EPA 3050B	1,6010D	BV
Manganese, Total	854		mg/kg	0.876	0.139	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.077	0.050	1	01/19/21 20:43	01/25/21 09:29	EPA 7471B	1,7471B	VW
Nickel, Total	1050		mg/kg	2.19	0.212	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Potassium, Total	473		mg/kg	219	12.6	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.75	0.226	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.876	0.248	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Sodium, Total	69.6	J	mg/kg	175	2.76	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Thallium, Total	1.49	J	mg/kg	1.75	0.276	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Vanadium, Total	13.9		mg/kg	0.876	0.178	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD
Zinc, Total	42.7		mg/kg	4.38	0.256	2	01/19/21 20:15	01/20/21 09:59	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04
Client ID: SB-9 (6.5-8.5)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1750		mg/kg	9.41	2.54	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Antimony, Total	0.744	J	mg/kg	4.71	0.358	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Arsenic, Total	1.26		mg/kg	0.941	0.196	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Barium, Total	10.7		mg/kg	0.941	0.164	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Beryllium, Total	0.122	J	mg/kg	0.471	0.031	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Cadmium, Total	0.330	J	mg/kg	0.941	0.092	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Calcium, Total	652		mg/kg	9.41	3.30	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Chromium, Total	19.3		mg/kg	0.941	0.090	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Cobalt, Total	17.7		mg/kg	1.88	0.156	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Copper, Total	6.84		mg/kg	0.941	0.243	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Iron, Total	12700		mg/kg	4.71	0.850	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Lead, Total	2.87	J	mg/kg	4.71	0.252	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Magnesium, Total	25000		mg/kg	9.41	1.45	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Manganese, Total	239		mg/kg	0.941	0.150	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.075	0.049	1	01/19/21 20:43	01/25/21 09:32	EPA 7471B	1,7471B	VW
Nickel, Total	454		mg/kg	2.35	0.228	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Potassium, Total	330		mg/kg	235	13.6	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.88	0.243	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.941	0.266	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Sodium, Total	59.3	J	mg/kg	188	2.96	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Thallium, Total	0.433	J	mg/kg	1.88	0.296	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Vanadium, Total	9.07		mg/kg	0.941	0.191	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD
Zinc, Total	16.1		mg/kg	4.71	0.276	2	01/19/21 20:15	01/20/21 10:04	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1810		mg/kg	9.21	2.49	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Antimony, Total	2.84	J	mg/kg	4.60	0.350	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Arsenic, Total	17.4		mg/kg	0.921	0.192	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Barium, Total	234		mg/kg	0.921	0.160	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Beryllium, Total	0.101	J	mg/kg	0.460	0.030	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Cadmium, Total	2.02		mg/kg	0.921	0.090	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Calcium, Total	89200		mg/kg	9.21	3.22	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Chromium, Total	11.7		mg/kg	0.921	0.088	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Cobalt, Total	8.03		mg/kg	1.84	0.153	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Copper, Total	14.1		mg/kg	0.921	0.238	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Iron, Total	34400		mg/kg	4.60	0.832	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Lead, Total	1420		mg/kg	4.60	0.247	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Magnesium, Total	6050		mg/kg	9.21	1.42	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Manganese, Total	179		mg/kg	0.921	0.146	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Mercury, Total	1.05		mg/kg	0.076	0.050	1	01/19/21 20:43	01/25/21 09:36	EPA 7471B	1,7471B	VW
Nickel, Total	74.5		mg/kg	2.30	0.223	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Potassium, Total	280		mg/kg	230	13.3	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Selenium, Total	0.884	J	mg/kg	1.84	0.238	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.921	0.261	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Sodium, Total	225		mg/kg	184	2.90	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Thallium, Total	0.470	J	mg/kg	1.84	0.290	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Vanadium, Total	11.1		mg/kg	0.921	0.187	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD
Zinc, Total	1080		mg/kg	4.60	0.270	2	01/19/21 20:15	01/20/21 10:09	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4050		mg/kg	8.49	2.29	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Antimony, Total	2.99	J	mg/kg	4.24	0.322	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Arsenic, Total	3.53		mg/kg	0.849	0.176	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Barium, Total	10.3		mg/kg	0.849	0.148	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Beryllium, Total	0.178	J	mg/kg	0.424	0.028	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Cadmium, Total	0.263	J	mg/kg	0.849	0.083	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Calcium, Total	413		mg/kg	8.49	2.97	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Chromium, Total	6.20		mg/kg	0.849	0.082	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Cobalt, Total	4.84		mg/kg	1.70	0.141	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Copper, Total	4.96		mg/kg	0.849	0.219	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Iron, Total	9830		mg/kg	4.24	0.766	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Lead, Total	6.17		mg/kg	4.24	0.227	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Magnesium, Total	1550		mg/kg	8.49	1.31	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Manganese, Total	104		mg/kg	0.849	0.135	2	01/19/21 20:15	01/20/21 17:02	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.079	0.051	1	01/19/21 20:43	01/25/21 09:39	EPA 7471B	1,7471B	VW
Nickel, Total	16.4		mg/kg	2.12	0.205	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Potassium, Total	188	J	mg/kg	212	12.2	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.70	0.219	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.849	0.240	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Sodium, Total	26.5	J	mg/kg	170	2.67	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.70	0.267	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Vanadium, Total	9.38		mg/kg	0.849	0.172	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD
Zinc, Total	26.1		mg/kg	4.24	0.249	2	01/19/21 20:15	01/20/21 10:54	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4330		mg/kg	8.57	2.32	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Antimony, Total	2.14	J	mg/kg	4.29	0.326	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Arsenic, Total	5.18		mg/kg	0.857	0.178	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Barium, Total	54.3		mg/kg	0.857	0.149	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Beryllium, Total	0.274	J	mg/kg	0.429	0.028	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Cadmium, Total	0.943		mg/kg	0.857	0.084	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Calcium, Total	3200		mg/kg	8.57	3.00	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Chromium, Total	40.0		mg/kg	0.857	0.082	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Cobalt, Total	21.9		mg/kg	1.71	0.142	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Copper, Total	30.8		mg/kg	0.857	0.221	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Iron, Total	16300		mg/kg	4.29	0.774	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Lead, Total	222		mg/kg	4.29	0.230	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Magnesium, Total	21400		mg/kg	8.57	1.32	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Manganese, Total	277		mg/kg	0.857	0.136	2	01/19/21 20:15	01/20/21 17:07	EPA 3050B	1,6010D	BV
Mercury, Total	0.158		mg/kg	0.073	0.047	1	01/19/21 20:43	01/25/21 09:42	EPA 7471B	1,7471B	VW
Nickel, Total	390		mg/kg	2.14	0.208	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Potassium, Total	623		mg/kg	214	12.3	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Selenium, Total	0.232	J	mg/kg	1.71	0.221	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.857	0.243	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Sodium, Total	78.2	J	mg/kg	171	2.70	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Thallium, Total	0.463	J	mg/kg	1.71	0.270	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Vanadium, Total	20.9		mg/kg	0.857	0.174	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD
Zinc, Total	149		mg/kg	4.29	0.251	2	01/19/21 20:15	01/20/21 10:59	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1410		mg/kg	8.41	2.27	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Antimony, Total	1.51	J	mg/kg	4.20	0.319	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Arsenic, Total	4.48		mg/kg	0.841	0.175	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Barium, Total	13.7		mg/kg	0.841	0.146	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Beryllium, Total	0.101	J	mg/kg	0.420	0.028	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Cadmium, Total	0.462	J	mg/kg	0.841	0.082	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Calcium, Total	798		mg/kg	8.41	2.94	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Chromium, Total	115		mg/kg	0.841	0.081	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Cobalt, Total	56.1		mg/kg	1.68	0.140	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Copper, Total	4.72		mg/kg	0.841	0.217	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Iron, Total	19700		mg/kg	4.20	0.759	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Lead, Total	1.87	J	mg/kg	4.20	0.225	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Magnesium, Total	118000		mg/kg	84.1	12.9	20	01/19/21 20:15	01/20/21 15:49	EPA 3050B	1,6010D	BV
Manganese, Total	651		mg/kg	8.41	1.34	20	01/19/21 20:15	01/20/21 15:49	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.072	0.047	1	01/19/21 20:43	01/25/21 09:45	EPA 7471B	1,7471B	VW
Nickel, Total	1490		mg/kg	2.10	0.203	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Potassium, Total	300		mg/kg	210	12.1	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.68	0.217	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.841	0.238	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Sodium, Total	47.4	J	mg/kg	168	2.65	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Thallium, Total	1.01	J	mg/kg	1.68	0.265	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Vanadium, Total	5.85		mg/kg	0.841	0.171	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD
Zinc, Total	16.3		mg/kg	4.20	0.246	2	01/19/21 20:15	01/20/21 11:04	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-09
Client ID: FIELD BLANK
Sample Location: STATEN ISLAND
Sample Depth:
Matrix: Field Blank

Date Collected: 01/18/21 08:50
Date Received: 01/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.038	J	mg/l	0.100	0.032	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Antimony, Total	ND		mg/l	0.050	0.007	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Arsenic, Total	ND		mg/l	0.005	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Barium, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Beryllium, Total	ND		mg/l	0.005	0.001	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Cadmium, Total	ND		mg/l	0.005	0.001	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Calcium, Total	ND		mg/l	0.100	0.035	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Chromium, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Cobalt, Total	ND		mg/l	0.020	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Copper, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Iron, Total	ND		mg/l	0.050	0.009	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Lead, Total	ND		mg/l	0.010	0.003	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Magnesium, Total	ND		mg/l	0.100	0.015	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Manganese, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/21/21 09:54	01/25/21 12:49	EPA 7470A	1,7470A	VW
Nickel, Total	ND		mg/l	0.025	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Potassium, Total	ND		mg/l	2.50	0.237	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Selenium, Total	ND		mg/l	0.010	0.004	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Silver, Total	ND		mg/l	0.007	0.003	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Sodium, Total	ND		mg/l	2.00	0.120	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Thallium, Total	0.003	J	mg/l	0.020	0.003	1	01/21/21 09:20	01/22/21 18:24	EPA 3005A	1,6010D	EW
Vanadium, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW
Zinc, Total	ND		mg/l	0.050	0.002	1	01/21/21 09:20	01/22/21 13:02	EPA 3005A	1,6010D	EW

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7110		mg/kg	9.46	2.56	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Antimony, Total	1.79	J	mg/kg	4.73	0.360	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Arsenic, Total	8.42		mg/kg	0.946	0.197	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Barium, Total	115		mg/kg	0.946	0.165	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Beryllium, Total	0.416	J	mg/kg	0.473	0.031	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Cadmium, Total	0.918	J	mg/kg	0.946	0.093	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Calcium, Total	2970		mg/kg	9.46	3.31	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Chromium, Total	39.3		mg/kg	0.946	0.091	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Cobalt, Total	24.9		mg/kg	1.89	0.157	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Copper, Total	74.3		mg/kg	0.946	0.244	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Iron, Total	20300		mg/kg	4.73	0.855	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Lead, Total	320		mg/kg	4.73	0.254	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Magnesium, Total	14200		mg/kg	9.46	1.46	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Manganese, Total	432		mg/kg	0.946	0.150	2	01/19/21 20:15	01/20/21 17:12	EPA 3050B	1,6010D	BV
Mercury, Total	0.206		mg/kg	0.077	0.050	1	01/19/21 20:43	01/25/21 09:55	EPA 7471B	1,7471B	VW
Nickel, Total	314		mg/kg	2.37	0.229	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Potassium, Total	719		mg/kg	237	13.6	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.89	0.244	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.946	0.268	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Sodium, Total	65.8	J	mg/kg	189	2.98	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Thallium, Total	0.520	J	mg/kg	1.89	0.298	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Vanadium, Total	35.3		mg/kg	0.946	0.192	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD
Zinc, Total	204		mg/kg	4.73	0.277	2	01/19/21 20:15	01/20/21 11:08	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2970		mg/kg	8.47	2.29	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Antimony, Total	1.15	J	mg/kg	4.23	0.322	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Arsenic, Total	7.50		mg/kg	0.847	0.176	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Barium, Total	24.4		mg/kg	0.847	0.147	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Beryllium, Total	0.212	J	mg/kg	0.423	0.028	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Cadmium, Total	0.517	J	mg/kg	0.847	0.083	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Calcium, Total	3400		mg/kg	8.47	2.96	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Chromium, Total	52.7		mg/kg	0.847	0.081	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Cobalt, Total	36.0		mg/kg	1.69	0.140	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Copper, Total	16.2		mg/kg	0.847	0.218	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Iron, Total	20700		mg/kg	4.23	0.765	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Lead, Total	15.2		mg/kg	4.23	0.227	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Magnesium, Total	69700		mg/kg	84.7	13.0	20	01/19/21 20:15	01/20/21 16:35	EPA 3050B	1,6010D	BV
Manganese, Total	428		mg/kg	8.47	1.35	20	01/19/21 20:15	01/20/21 16:35	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.073	0.047	1	01/19/21 20:43	01/25/21 09:59	EPA 7471B	1,7471B	VW
Nickel, Total	790		mg/kg	2.12	0.205	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Potassium, Total	1000		mg/kg	212	12.2	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Selenium, Total	0.262	J	mg/kg	1.69	0.218	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.847	0.240	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Sodium, Total	141	J	mg/kg	169	2.67	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Thallium, Total	0.678	J	mg/kg	1.69	0.267	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Vanadium, Total	19.3		mg/kg	0.847	0.172	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD
Zinc, Total	39.4		mg/kg	4.23	0.248	2	01/19/21 20:15	01/20/21 11:13	EPA 3050B	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08,11-12 Batch: WG1456445-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/19/21 20:43	01/20/21 10:46	1,7471B	VW

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08,11-12 Batch: WG1456447-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Chromium, Total	0.052	J	mg/kg	0.400	0.038	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Iron, Total	0.460	J	mg/kg	2.00	0.361	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Sodium, Total	6.00	J	mg/kg	80.0	1.26	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/19/21 20:15	01/20/21 08:59	1,6010D	GD

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1457237-1										
Aluminum, Total	ND		mg/l	0.100	0.032	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Antimony, Total	ND		mg/l	0.050	0.007	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Arsenic, Total	ND		mg/l	0.005	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Barium, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Beryllium, Total	ND		mg/l	0.005	0.001	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Cadmium, Total	ND		mg/l	0.005	0.001	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Calcium, Total	ND		mg/l	0.100	0.035	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Chromium, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Cobalt, Total	ND		mg/l	0.020	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Copper, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Iron, Total	ND		mg/l	0.050	0.009	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Lead, Total	ND		mg/l	0.010	0.003	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Magnesium, Total	ND		mg/l	0.100	0.015	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Manganese, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Nickel, Total	ND		mg/l	0.025	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Potassium, Total	ND		mg/l	2.50	0.237	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Selenium, Total	ND		mg/l	0.010	0.004	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Silver, Total	ND		mg/l	0.007	0.003	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Sodium, Total	ND		mg/l	2.00	0.120	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Thallium, Total	ND		mg/l	0.020	0.003	1	01/21/21 09:20	01/22/21 18:06	1,6010D	EW
Vanadium, Total	ND		mg/l	0.010	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW
Zinc, Total	ND		mg/l	0.050	0.002	1	01/21/21 09:20	01/22/21 12:43	1,6010D	EW

Prep Information

Digestion Method: EPA 3005A

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102678
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1457244-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/21/21 09:54	01/25/21 12:36	1,7470A	VW

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 Batch: WG1456445-2 SRM Lot Number: D109-540								
Mercury, Total	87		-		60-140	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 Batch: WG1456447-2 SRM Lot Number: D109-540					
Aluminum, Total	50	-	50-150	-	
Antimony, Total	125	-	19-250	-	
Arsenic, Total	81	-	70-130	-	
Barium, Total	79	-	75-125	-	
Beryllium, Total	81	-	75-125	-	
Cadmium, Total	90	-	75-125	-	
Calcium, Total	84	-	73-128	-	
Chromium, Total	79	-	70-130	-	
Cobalt, Total	88	-	75-125	-	
Copper, Total	81	-	75-125	-	
Iron, Total	61	-	35-165	-	
Lead, Total	74	-	72-128	-	
Magnesium, Total	68	-	62-138	-	
Manganese, Total	76	-	74-126	-	
Nickel, Total	86	-	70-130	-	
Potassium, Total	66	-	59-141	-	
Selenium, Total	89	-	68-132	-	
Silver, Total	74	-	68-131	-	
Sodium, Total	95	-	35-165	-	
Thallium, Total	84	-	68-131	-	
Vanadium, Total	75	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 Batch: WG1456447-2 SRM Lot Number: D109-540					
Zinc, Total	81	-	70-130	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1457237-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	101	-	80-120	-	
Arsenic, Total	113	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	105	-	80-120	-	
Cadmium, Total	110	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	103	-	80-120	-	
Copper, Total	106	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	109	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	101	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	113	-	80-120	-	
Silver, Total	106	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1457237-2					
Zinc, Total	109	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1457244-2					
Mercury, Total	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 QC Batch ID: WG1456445-3 QC Sample: L2102676-01 Client ID: MS Sample												
Mercury, Total	ND	0.14	0.140	100		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 QC Batch ID: WG1456447-3 QC Sample: L2102676-01 Client ID: MS Sample										
Aluminum, Total	2190	167	2340	90		-	-	75-125	-	20
Antimony, Total	0.334J	41.7	42.5	102		-	-	75-125	-	20
Arsenic, Total	1.80	10	13.8	120		-	-	75-125	-	20
Barium, Total	5.45	167	162	94		-	-	75-125	-	20
Beryllium, Total	0.092J	4.17	4.05	97		-	-	75-125	-	20
Cadmium, Total	0.176J	4.26	4.73	111		-	-	75-125	-	20
Calcium, Total	896	835	1050	**18**	Q	-	-	75-125	-	20
Chromium, Total	6.25	16.7	25.2	114		-	-	75-125	-	20
Cobalt, Total	0.702J	41.7	42.3	101		-	-	75-125	-	20
Copper, Total	1.52	20.9	23.8	107		-	-	75-125	-	20
Iron, Total	7710	83.5	10300	**3100**	Q	-	-	75-125	-	20
Lead, Total	2.61J	42.6	46.5	109		-	-	75-125	-	20
Magnesium, Total	146	835	867	86		-	-	75-125	-	20
Manganese, Total	16.4	41.7	49.4	79		-	-	75-125	-	20
Nickel, Total	1.05J	41.7	40.3	96		-	-	75-125	-	20
Potassium, Total	102J	835	946	113		-	-	75-125	-	20
Selenium, Total	0.276J	10	10.1	101		-	-	75-125	-	20
Silver, Total	ND	25	25.7	103		-	-	75-125	-	20
Sodium, Total	21.3J	835	942	113		-	-	75-125	-	20
Thallium, Total	ND	10	10.3	103		-	-	75-125	-	20
Vanadium, Total	6.28	41.7	47.7	99		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 QC Batch ID: WG1456447-3 QC Sample: L2102676-01 Client ID: MS Sample									
Zinc, Total	5.47	41.7	48.5	103	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1457237-3 QC Sample: L2102678-09 Client ID: FIELD BLANK									
Aluminum, Total	0.038J	2	2.06	103	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.503	101	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.139	116	-	-	75-125	-	20
Barium, Total	ND	2	2.15	108	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.054	108	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.057	112	-	-	75-125	-	20
Calcium, Total	ND	10	10.6	106	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.211	106	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.523	105	-	-	75-125	-	20
Copper, Total	ND	0.25	0.269	108	-	-	75-125	-	20
Iron, Total	ND	1	1.04	104	-	-	75-125	-	20
Lead, Total	ND	0.51	0.558	109	-	-	75-125	-	20
Magnesium, Total	ND	10	10.5	105	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.516	103	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.510	102	-	-	75-125	-	20
Potassium, Total	ND	10	10.3	103	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.138	115	-	-	75-125	-	20
Silver, Total	ND	0.05	0.053	107	-	-	75-125	-	20
Sodium, Total	ND	10	10.7	107	-	-	75-125	-	20
Thallium, Total	0.003J	0.12	0.124	103	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.522	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1457237-3 QC Sample: L2102678-09 Client ID: FIELD BLANK									
Zinc, Total	ND	0.5	0.554	111	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1457244-3 QC Sample: L2102678-09 Client ID: FIELD BLANK									
Mercury, Total	ND	0.005	0.00450	90	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 QC Batch ID: WG1456445-4 QC Sample: L2102676-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 QC Batch ID: WG1456447-4 QC Sample: L2102676-01 Client ID: DUP Sample						
Aluminum, Total	2190	1630	mg/kg	**29**	Q	20
Antimony, Total	0.334J	0.470J	mg/kg	NC		20
Arsenic, Total	1.80	3.30	mg/kg	**59**	Q	20
Barium, Total	5.45	4.22	mg/kg	**25**	Q	20
Beryllium, Total	0.092J	0.097J	mg/kg	NC		20
Cadmium, Total	0.176J	0.243J	mg/kg	NC		20
Calcium, Total	896	137	mg/kg	**147**	Q	20
Chromium, Total	6.25	10.3	mg/kg	**49**	Q	20
Cobalt, Total	0.702J	0.413J	mg/kg	NC		20
Copper, Total	1.52	1.69	mg/kg	11		20
Iron, Total	7710	9950	mg/kg	**25**	Q	20
Lead, Total	2.61J	2.52J	mg/kg	NC		20
Magnesium, Total	146	58.6	mg/kg	**85**	Q	20
Manganese, Total	16.4	9.20	mg/kg	**56**	Q	20
Nickel, Total	1.05J	0.631J	mg/kg	NC		20
Potassium, Total	102J	92.9J	mg/kg	NC		20
Selenium, Total	0.276J	0.372J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	21.3J	16.9J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08,11-12 QC Batch ID: WG1456447-4 QC Sample: L2102676-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	6.28	6.88	mg/kg	9	20
Zinc, Total	5.47	6.09	mg/kg	11	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1457237-4 QC Sample: L2102678-09 Client ID: FIELD BLANK					
Aluminum, Total	0.038J	ND	mg/l	NC	20
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	ND	ND	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	ND	ND	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1457237-4 QC Sample: L2102678-09 Client ID: FIELD BLANK					
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1457237-4 QC Sample: L2102678-09 Client ID: FIELD BLANK					
Thallium, Total	0.003J	0.008J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1457244-4 QC Sample: L2102678-09 Client ID: FIELD BLANK					
Mercury, Total	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-01
Client ID: SB-8 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 08:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-02
Client ID: SB-8 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-03
Client ID: SB-9 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 09:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-04
Client ID: SB-9 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-05
Client ID: SB-10 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:10
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-06
Client ID: SB-10 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 10:40
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.7		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-07
Client ID: SB-13 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 11:30
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-08
Client ID: SB-13 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 12:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.2		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-11
Client ID: SB-18 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:00
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102678-12
Client ID: SB-18 (20-22)
Sample Location: STATEN ISLAND

Date Collected: 01/18/21 13:20
Date Received: 01/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.1		%	0.100	NA	1	-	01/19/21 10:05	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102678

Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08,11-12 QC Batch ID: WG1456279-1 QC Sample: L2102625-01 Client ID: DUP Sample						
Solids, Total	87.6	87.2	%	0		20

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102678-01A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-01B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-01C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-01D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-01E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()
L2102678-01F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2102678-01G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-01H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-01I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-01X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-01Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-01Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-02A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-02B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-02C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-02D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-02E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102678-02F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2102678-02G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-02H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-02I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-02X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-02Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-02Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-03A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-03B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-03C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-03D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-03E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()
L2102678-03F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2102678-03G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-03H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-03I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-03X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-03Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-03Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-04A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-04B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-04C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-04D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102678-04E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()
L2102678-04F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2102678-04G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-04H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-04I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-04X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-04Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-04Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-05A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-05B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-05C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-05D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-05E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()
L2102678-05F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2102678-05G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-05H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2102678-05I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-05X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-05Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-05Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-06A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-06B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-06C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102678-06D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-06E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()
L2102678-06F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2102678-06G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-06H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-06I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-06X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-06Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-06Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-07A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-07B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-07C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-07D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-07E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()
L2102678-07F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2102678-07G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-07H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-07I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-07X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-07Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-07Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-08A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-08B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102678-08C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-08D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-08E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()
L2102678-08F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2102678-08G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-08H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-08I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-08X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-08Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-08Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-09A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)
L2102678-09B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)
L2102678-09C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)
L2102678-09D	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2102678-09E	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2102678-09F	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-LVI(7)
L2102678-09G	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-LVI(7)
L2102678-09H	Plastic 250ml NaOH preserved	B	>12	>12	4.6	Y	Absent		HOLD-WETCHEM()
L2102678-09I	Plastic 250ml unpreserved	A	NA		4.3	Y	Absent		HOLD-537(14)
L2102678-09J	Amber 250ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-LVI(7)
L2102678-09K	Amber 250ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-LVI(7)
L2102678-09L	Amber 250ml unpreserved	B	7	7	4.6	Y	Absent		HOLD-1,4DIOX(7)
L2102678-09M	Amber 250ml unpreserved	B	7	7	4.6	Y	Absent		HOLD-1,4DIOX(7)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102678-09N	Plastic 250ml HNO3 preserved	B	<2	<2	4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2102678-09O	Plastic 500ml unpreserved	B	7	7	4.6	Y	Absent		HOLD-WETCHEM()
L2102678-09P	Amber 1000ml unpreserved	B	7	7	4.6	Y	Absent		HERB-APA(7)
L2102678-09Q	Amber 1000ml unpreserved	B	7	7	4.6	Y	Absent		HERB-APA(7)
L2102678-10A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)
L2102678-10B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260(14)
L2102678-11A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-11B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-11C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-11D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-11E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()
L2102678-11F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2102678-11G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-11H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-11I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-11X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-11Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-11Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-12A	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-12B	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-12C	5 gram Encore Sampler	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-12D	Plastic 2oz unpreserved for TS	C	NA		3.3	Y	Absent		TS(7)
L2102678-12E	Plastic 2oz unpreserved for TS	A	NA		4.3	Y	Absent		HOLD-WETCHEM()

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102678-12F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2102678-12G	Glass 120ml/4oz unpreserved	C	NA		3.3	Y	Absent		HOLD-WETCHEM()
L2102678-12H	Plastic 8oz unpreserved	A	NA		4.3	Y	Absent		HOLD-537(28)
L2102678-12I	Glass 500ml/16oz unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102678-12X	Vial MeOH preserved split	C	NA		3.3	Y	Absent		NYTCL-8260HLW(14)
L2102678-12Y	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)
L2102678-12Z	Vial Water preserved split	C	NA		3.3	Y	Absent	19-JAN-21 13:32	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102678
Report Date: 02/01/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102678
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102678
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

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.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102678
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102678
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 1/18/21

ALPHA Job #: L2102678

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: Liberty Towers
Project Location: Staten Island
Project #
(Use Project name as Project #) [X]
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[X] Same as Client Info
PO #

Regulatory Requirement
[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [X] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
HOLD ALL PFAS, 1,4-Dioxane, Cyanide, + Tri/Hex Chromium Analyses

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL Metals	Pest/Herb/PCBs	PFAS	1,4-Dioxane	Cyanide	Tri/Hex Chromium	Sample Specific Comments	Total Bottle
02678-01	SB-8 (0-2)	1/18/21	8:30	Soil	AP	X	X	X	X					HOLD	9
-02	SB-8 (6.5-8.5)		9:00			X	X	X	X					PFAS, 1,4-D,	9
-03	SB-9 (0-2)		9:40			X	X	X	X					Cyanide &	9
-04	SB-9 (6.5-8.5)		10:00			X	X	X	X					Chromium	9
-05	SB-10 (0-2)		10:10			X	X	X	X					for ALL	9
-06	SB-10 (7-9)		10:40			X	X	X	X					samples	9
-07	SB-13 (0-2)		11:30			X	X	X	X						9
-08	SB-13 (17.5-19.5)		12:00			X	X	X	X						9
-09	Field Blank		8:50	Water		X	X	X	X						
-10	Trip Blank					X									2
	Container Type					E	A	A	A	P	A	A	A		
	Preservative					A	A	A	A	A	A	A	A		

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt/Tenen	1/18/21 13:40		1/18/21 13:40
	1/18/21 1705		1/18/21 1705
	1/18/21 2228		1/18/21 2200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 1/18/21

ALPHA Job #: L2102678

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: Liberty Towers
Project Location: Staten Island
Project #
(Use Project name as Project #) [X]
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard [X]
Rush (only if pre approved) [ ]
Due Date:
# of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[X] Same as Client Info
PO #

Regulatory Requirement
[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [X] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

HOLD PFAS, 1,4-Dioxane, total cyanide, + tri/hex chromium for ALL SAMPLES

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL Metals	Pest/Herb/PCBs	PFAS	1,4-Dioxane	Cyanide	Tri/Hex Chromium	Sample Specific Comments	Total Bottle
02678-11	SB-18 (0-2)	1/18/21	13:00	Soil	AP	X	X	X	X	HOLD					9
-12	SB-18 (20-22)	↓	13:20	↓	↓	X	X	X	X						9

Container Type	E	A	A	A	P	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt / Tenen	1/18/21 13:40		1/18/21 13:40
	1/18/21 1705		1/18/21 1705
	1/18/21 2000		1/18/21 2000

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2102822
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Alana Carroll
Phone:	(646) 606-2332
Project Name:	LIBERTY TOWERS
Project Number:	LIBERTY TOWERS
Report Date:	02/01/21

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2102822-01	SB-14 (0-2)	SOIL	STATEN ISLAND	01/19/21 07:30	01/19/21
L2102822-02	SB-14 (17.5-19.5)	SOIL	STATEN ISLAND	01/19/21 07:50	01/19/21
L2102822-03	SB-12 (0-2)	SOIL	STATEN ISLAND	01/19/21 08:00	01/19/21
L2102822-04	SB-12 (6.5-8.5)	SOIL	STATEN ISLAND	01/19/21 08:40	01/19/21
L2102822-05	SB-15 (0-2)	SOIL	STATEN ISLAND	01/19/21 09:00	01/19/21
L2102822-06	SB-15 (14.5-16.5)	SOIL	STATEN ISLAND	01/19/21 09:30	01/19/21
L2102822-07	SB-11 (0-2)	SOIL	STATEN ISLAND	01/19/21 09:40	01/19/21
L2102822-08	SB-11 (5-7)	SOIL	STATEN ISLAND	01/19/21 10:00	01/19/21
L2102822-09	SB-16 (0-2)	SOIL	STATEN ISLAND	01/19/21 10:20	01/19/21
L2102822-10	SB-16 (7-9)	SOIL	STATEN ISLAND	01/19/21 10:30	01/19/21
L2102822-11	SB-17 (0-2)	SOIL	STATEN ISLAND	01/19/21 10:50	01/19/21
L2102822-12	SB-17 (9-11)	SOIL	STATEN ISLAND	01/19/21 11:00	01/19/21
L2102822-13	TRIP BLANK	WATER	STATEN ISLAND	01/18/21 00:00	01/19/21

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102822
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102822
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

Case Narrative (continued)

Report Submission

February 01, 2021: This final report includes the results of all requested analyses.

January 26, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2102822-01 and WG1460241-4: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2102822-01 and WG1460241-4: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA), due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

Total Metals

L2102822-01 through -12: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 02/01/21

ORGANICS

VOLATILES

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 08:43
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01 Date Collected: 01/19/21 07:30

Client ID: SB-14 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.6	0.76	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01 Date Collected: 01/19/21 07:30

Client ID: SB-14 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 09:08
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02 Date Collected: 01/19/21 07:50

Client ID: SB-14 (17.5-19.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03
Client ID: SB-12 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 09:33
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03 Date Collected: 01/19/21 08:00

Client ID: SB-12 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03 Date Collected: 01/19/21 08:00

Client ID: SB-12 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 09:58
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.74	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.74	0.24	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	ND		ug/kg	0.74	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	3.0	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04 Date Collected: 01/19/21 08:40

Client ID: SB-12 (6.5-8.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.83	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	3.0	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	3.0	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
2,2-Dichloropropane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	3.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.74	0.20	1
Bromobenzene	ND		ug/kg	3.0	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.17	1
o-Chlorotoluene	ND		ug/kg	3.0	0.28	1
p-Chlorotoluene	ND		ug/kg	3.0	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.96	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.49	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	3.0	0.26	1
p-Ethyltoluene	ND		ug/kg	3.0	0.57	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.0	0.28	1
Ethyl ether	ND		ug/kg	3.0	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 10:23
Analyst: JC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05 Date Collected: 01/19/21 09:00

Client ID: SB-15 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05 Date Collected: 01/19/21 09:00

Client ID: SB-15 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	93	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 10:48
Analyst: JC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06 Date Collected: 01/19/21 09:30

Client ID: SB-15 (14.5-16.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.12	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.17	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 11:14
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07 Date Collected: 01/19/21 09:40

Client ID: SB-11 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.79	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07 Date Collected: 01/19/21 09:40

Client ID: SB-11 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08
Client ID: SB-11 (5-7)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 11:39
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08 Date Collected: 01/19/21 10:00

Client ID: SB-11 (5-7) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08 Date Collected: 01/19/21 10:00

Client ID: SB-11 (5-7) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 12:04
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09 Date Collected: 01/19/21 10:20

Client ID: SB-16 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	88	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10
Client ID: SB-16 (7-9)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 12:29
Analyst: JC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10 Date Collected: 01/19/21 10:30

Client ID: SB-16 (7-9) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10 Date Collected: 01/19/21 10:30

Client ID: SB-16 (7-9) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11
Client ID: SB-17 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 12:54
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11 Date Collected: 01/19/21 10:50

Client ID: SB-17 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11 Date Collected: 01/19/21 10:50

Client ID: SB-17 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/22/21 13:19
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12 Date Collected: 01/19/21 11:00

Client ID: SB-17 (9-11) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.97	1
Acetone	8.1	J	ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12 Date Collected: 01/19/21 11:00

Client ID: SB-17 (9-11) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-13
Client ID: TRIP BLANK
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 00:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/21/21 11:25
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-13 Date Collected: 01/18/21 00:00

Client ID: TRIP BLANK Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-13
Client ID: TRIP BLANK
Sample Location: STATEN ISLAND
Date Collected: 01/18/21 00:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/21 09:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1457390-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/21 09:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1457390-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/21/21 09:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 13 Batch: WG1457390-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	93		70-130

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/22/21 05:47
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-12 Batch: WG1457780-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/22/21 05:47
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-12 Batch: WG1457780-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/22/21 05:47
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-12 Batch: WG1457780-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.28	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1457390-3 WG1457390-4								
Methylene chloride	90		91		70-130	1		20
1,1-Dichloroethane	90		92		70-130	2		20
Chloroform	86		90		70-130	5		20
Carbon tetrachloride	79		81		63-132	3		20
1,2-Dichloropropane	89		91		70-130	2		20
Dibromochloromethane	92		92		63-130	0		20
1,1,2-Trichloroethane	92		92		70-130	0		20
Tetrachloroethene	94		94		70-130	0		20
Chlorobenzene	92		94		75-130	2		20
Trichlorofluoromethane	80		82		62-150	2		20
1,2-Dichloroethane	88		88		70-130	0		20
1,1,1-Trichloroethane	87		90		67-130	3		20
Bromodichloromethane	87		88		67-130	1		20
trans-1,3-Dichloropropene	93		93		70-130	0		20
cis-1,3-Dichloropropene	89		92		70-130	3		20
1,1-Dichloropropene	86		90		70-130	5		20
Bromoform	91		92		54-136	1		20
1,1,2,2-Tetrachloroethane	94		94		67-130	0		20
Benzene	90		93		70-130	3		20
Toluene	95		97		70-130	2		20
Ethylbenzene	92		93		70-130	1		20
Chloromethane	65		69		64-130	6		20
Bromomethane	65		70		39-139	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1457390-3 WG1457390-4								
Vinyl chloride	75		79		55-140	5		20
Chloroethane	81		84		55-138	4		20
1,1-Dichloroethene	83		88		61-145	6		20
trans-1,2-Dichloroethene	87		91		70-130	4		20
Trichloroethene	89		92		70-130	3		20
1,2-Dichlorobenzene	95		96		70-130	1		20
1,3-Dichlorobenzene	96		97		70-130	1		20
1,4-Dichlorobenzene	96		97		70-130	1		20
Methyl tert butyl ether	88		88		63-130	0		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	91		92		70-130	1		20
Dibromomethane	87		88		70-130	1		20
1,2,3-Trichloropropane	92		94		64-130	2		20
Acrylonitrile	83		85		70-130	2		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	76		77		36-147	1		20
Acetone	76		74		58-148	3		20
Carbon disulfide	86		87		51-130	1		20
2-Butanone	81		81		63-138	0		20
Vinyl acetate	87		88		70-130	1		20
4-Methyl-2-pentanone	84		84		59-130	0		20
2-Hexanone	82		80		57-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1457390-3 WG1457390-4								
Bromochloromethane	98		99		70-130	1		20
2,2-Dichloropropane	94		95		63-133	1		20
1,2-Dibromoethane	91		92		70-130	1		20
1,3-Dichloropropane	92		94		70-130	2		20
1,1,1,2-Tetrachloroethane	91		92		64-130	1		20
Bromobenzene	97		98		70-130	1		20
n-Butylbenzene	97		98		53-136	1		20
sec-Butylbenzene	98		98		70-130	0		20
tert-Butylbenzene	98		99		70-130	1		20
o-Chlorotoluene	99		100		70-130	1		20
p-Chlorotoluene	98		98		70-130	0		20
1,2-Dibromo-3-chloropropane	82		82		41-144	0		20
Hexachlorobutadiene	99		100		63-130	1		20
Isopropylbenzene	99		100		70-130	1		20
p-Isopropyltoluene	98		99		70-130	1		20
Naphthalene	86		91		70-130	6		20
n-Propylbenzene	99		100		69-130	1		20
1,2,3-Trichlorobenzene	88		95		70-130	8		20
1,2,4-Trichlorobenzene	91		96		70-130	5		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	99		100		70-130	1		20
1,4-Dioxane	114		114		56-162	0		20
p-Diethylbenzene	98		99		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 13 Batch: WG1457390-3 WG1457390-4								
p-Ethyltoluene	99		100		70-130	1		20
1,2,4,5-Tetramethylbenzene	98		99		70-130	1		20
Ethyl ether	87		89		59-134	2		20
trans-1,4-Dichloro-2-butene	92		94		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-12 Batch: WG1457780-3 WG1457780-4								
Methylene chloride	90		87		70-130	3		30
1,1-Dichloroethane	96		93		70-130	3		30
Chloroform	94		93		70-130	1		30
Carbon tetrachloride	104		99		70-130	5		30
1,2-Dichloropropane	92		89		70-130	3		30
Dibromochloromethane	92		93		70-130	1		30
1,1,2-Trichloroethane	86		89		70-130	3		30
Tetrachloroethene	93		87		70-130	7		30
Chlorobenzene	85		83		70-130	2		30
Trichlorofluoromethane	104		99		70-139	5		30
1,2-Dichloroethane	99		99		70-130	0		30
1,1,1-Trichloroethane	96		92		70-130	4		30
Bromodichloromethane	93		92		70-130	1		30
trans-1,3-Dichloropropene	94		96		70-130	2		30
cis-1,3-Dichloropropene	92		91		70-130	1		30
1,1-Dichloropropene	95		90		70-130	5		30
Bromoform	97		96		70-130	1		30
1,1,2,2-Tetrachloroethane	85		83		70-130	2		30
Benzene	87		84		70-130	4		30
Toluene	90		87		70-130	3		30
Ethylbenzene	95		90		70-130	5		30
Chloromethane	94		88		52-130	7		30
Bromomethane	91		86		57-147	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-12 Batch: WG1457780-3 WG1457780-4								
Vinyl chloride	94		88		67-130	7		30
Chloroethane	99		92		50-151	7		30
1,1-Dichloroethene	96		91		65-135	5		30
trans-1,2-Dichloroethene	97		91		70-130	6		30
Trichloroethene	91		88		70-130	3		30
1,2-Dichlorobenzene	94		88		70-130	7		30
1,3-Dichlorobenzene	95		88		70-130	8		30
1,4-Dichlorobenzene	94		88		70-130	7		30
Methyl tert butyl ether	96		96		66-130	0		30
p/m-Xylene	90		86		70-130	5		30
o-Xylene	88		85		70-130	3		30
cis-1,2-Dichloroethene	93		90		70-130	3		30
Dibromomethane	91		91		70-130	0		30
Styrene	91		90		70-130	1		30
Dichlorodifluoromethane	94		88		30-146	7		30
Acetone	94		92		54-140	2		30
Carbon disulfide	85		81		59-130	5		30
2-Butanone	86		89		70-130	3		30
Vinyl acetate	99		100		70-130	1		30
4-Methyl-2-pentanone	85		86		70-130	1		30
1,2,3-Trichloropropane	85		82		68-130	4		30
2-Hexanone	87		90		70-130	3		30
Bromochloromethane	92		89		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-12 Batch: WG1457780-3 WG1457780-4								
2,2-Dichloropropane	104		101		70-130	3		30
1,2-Dibromoethane	86		88		70-130	2		30
1,3-Dichloropropane	89		89		69-130	0		30
1,1,1,2-Tetrachloroethane	87		85		70-130	2		30
Bromobenzene	90		87		70-130	3		30
n-Butylbenzene	96		88		70-130	9		30
sec-Butylbenzene	95		88		70-130	8		30
tert-Butylbenzene	95		88		70-130	8		30
o-Chlorotoluene	93		87		70-130	7		30
p-Chlorotoluene	94		89		70-130	5		30
1,2-Dibromo-3-chloropropane	93		96		68-130	3		30
Hexachlorobutadiene	93		89		67-130	4		30
Isopropylbenzene	94		88		70-130	7		30
p-Isopropyltoluene	97		89		70-130	9		30
Naphthalene	94		92		70-130	2		30
Acrylonitrile	91		92		70-130	1		30
n-Propylbenzene	94		86		70-130	9		30
1,2,3-Trichlorobenzene	94		90		70-130	4		30
1,2,4-Trichlorobenzene	100		95		70-130	5		30
1,3,5-Trimethylbenzene	96		90		70-130	6		30
1,2,4-Trimethylbenzene	97		90		70-130	7		30
1,4-Dioxane	104		107		65-136	3		30
p-Diethylbenzene	98		92		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-12 Batch: WG1457780-3 WG1457780-4								
p-Ethyltoluene	96		89		70-130	8		30
1,2,4,5-Tetramethylbenzene	100		94		70-130	6		30
Ethyl ether	92		93		67-130	1		30
trans-1,4-Dichloro-2-butene	98		96		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		110		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	102		98		70-130
Dibromofluoromethane	106		104		70-130

SEMIVOLATILES

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 06:42
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	250		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	59	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01 Date Collected: 01/19/21 07:30

Client ID: SB-14 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	140		ug/kg	120	22.	1
Benzo(a)pyrene	150	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	220		ug/kg	120	34.	1
Benzo(k)fluoranthene	73	J	ug/kg	120	32.	1
Chrysene	170		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	110	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	150		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	31	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	160	28.	1
Pyrene	220		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	22	J	ug/kg	200	19.	1
2-Methylnaphthalene	42	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	21	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	64		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/30/21 17:24
Analyst: SG
Percent Solids: 82%

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.539	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.539	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.270	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.539	0.057	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.270	0.049	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.270	0.065	1
Perfluorooctanoic Acid (PFOA)	1.56		ng/g	0.270	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.539	0.194	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.539	0.147	1
Perfluorononanoic Acid (PFNA)	0.337		ng/g	0.270	0.081	1
Perfluorooctanesulfonic Acid (PFOS)	0.602		ng/g	0.270	0.140	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.270	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.539	0.310	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.539	0.217	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.539	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.539	0.165	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.144	JF	ng/g	0.539	0.091	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.539	0.076	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.539	0.221	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.539	0.058	1
PFOA/PFOS, Total	2.16		ng/g	0.270	0.045	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01 Date Collected: 01/19/21 07:30

Client ID: SB-14 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	67		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	79		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	72		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	79		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**68**	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	43		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**71**	Q	72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**65**	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**63**	Q	75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	44		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**18**	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**59**	Q	61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**18**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**46**	Q	54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**17**	Q	24-159

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/31/21 12:24
Analyst: SG
Percent Solids: 82%

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.539	0.106	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		10-117

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/21/21 22:25
Analyst: IM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02 Date Collected: 01/19/21 07:50

Client ID: SB-14 (17.5-19.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	74		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03
Client ID: SB-12 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/23/21 01:59
Analyst: SZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	320		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03 Date Collected: 01/19/21 08:00

Client ID: SB-12 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	180		ug/kg	120	23.	1
Benzo(a)pyrene	190		ug/kg	160	50.	1
Benzo(b)fluoranthene	260		ug/kg	120	34.	1
Benzo(k)fluoranthene	68	J	ug/kg	120	32.	1
Chrysene	180		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	40	J	ug/kg	120	40.	1
Benzo(ghi)perylene	120	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	160		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	31	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	160	28.	1
Pyrene	310		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03
Client ID: SB-12 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 08:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	20	J	ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	54		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/21/21 22:50
Analyst: IM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04 Date Collected: 01/19/21 08:40

Client ID: SB-12 (6.5-8.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	73		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 02:09
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	300		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05 Date Collected: 01/19/21 09:00

Client ID: SB-15 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	170		ug/kg	120	22.	1
Benzo(a)pyrene	120	J	ug/kg	160	47.	1
Benzo(b)fluoranthene	160		ug/kg	120	33.	1
Benzo(k)fluoranthene	56	J	ug/kg	120	31.	1
Chrysene	160		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	44	J	ug/kg	120	38.	1
Benzo(ghi)perylene	74	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	23	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	81	J	ug/kg	160	27.	1
Pyrene	270		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	66		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/21/21 23:15
Analyst: IM
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06 Date Collected: 01/19/21 09:30

Client ID: SB-15 (14.5-16.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	78		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 00:30
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	170		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07 Date Collected: 01/19/21 09:40

Client ID: SB-11 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	89	J	ug/kg	120	22.	1
Benzo(a)pyrene	80	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	120		ug/kg	120	34.	1
Benzo(k)fluoranthene	34	J	ug/kg	120	32.	1
Chrysene	86	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	56	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	93	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	61	J	ug/kg	160	28.	1
Pyrene	140		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: LIBERTY TOWERS
Lab Number: L2102822
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	63		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08
Client ID: SB-11 (5-7)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 00:05
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	40	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08 Date Collected: 01/19/21 10:00

Client ID: SB-11 (5-7) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	21	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	26	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	36	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08
Client ID: SB-11 (5-7)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	69		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 02:34
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	110		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09 Date Collected: 01/19/21 10:20

Client ID: SB-16 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	78	J	ug/kg	110	21.	1
Benzo(a)pyrene	72	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	94	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	72	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	49	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	46	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	45	J	ug/kg	150	26.	1
Pyrene	120		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	63		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10
Client ID: SB-16 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 05:27
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	220		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10 Date Collected: 01/19/21 10:30

Client ID: SB-16 (7-9) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	100	J	ug/kg	110	22.	1
Benzo(a)pyrene	100	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	140		ug/kg	110	32.	1
Benzo(k)fluoranthene	53	J	ug/kg	110	31.	1
Chrysene	110		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	73	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	140		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	77	J	ug/kg	150	27.	1
Pyrene	180		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10
Client ID: SB-16 (7-9)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	77		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11
Client ID: SB-17 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/22/21 00:54
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	24	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11 Date Collected: 01/19/21 10:50

Client ID: SB-17 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	22	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11
Client ID: SB-17 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	68		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/23/21 01:35
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	73	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12 Date Collected: 01/19/21 11:00

Client ID: SB-17 (9-11) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	42	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	54	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	45	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	30	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	32	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	30	J	ug/kg	150	26.	1
Pyrene	65	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	60		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/21/21 20:17
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1456855-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/21/21 20:17
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1456855-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/21/21 20:17
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/20/21 10:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1456855-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	78		18-120

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/30/21 16:17
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01 Batch: WG1460241-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/30/21 16:17
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01 Batch: WG1460241-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	115		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	117		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	111		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	119		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	111		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	76		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		24-159

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/31/21 12:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 01/30/21 05:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01 Batch: WG1460241-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	78		10-117

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1456855-2 WG1456855-3								
Acenaphthene	73		82		31-137	12		50
1,2,4-Trichlorobenzene	72		82		38-107	13		50
Hexachlorobenzene	77		86		40-140	11		50
Bis(2-chloroethyl)ether	66		76		40-140	14		50
2-Chloronaphthalene	74		84		40-140	13		50
1,2-Dichlorobenzene	66		73		40-140	10		50
1,3-Dichlorobenzene	62		70		40-140	12		50
1,4-Dichlorobenzene	63		72		28-104	13		50
3,3'-Dichlorobenzidine	52		60		40-140	14		50
2,4-Dinitrotoluene	71		80		40-132	12		50
2,6-Dinitrotoluene	87		96		40-140	10		50
Fluoranthene	71		81		40-140	13		50
4-Chlorophenyl phenyl ether	72		80		40-140	11		50
4-Bromophenyl phenyl ether	76		83		40-140	9		50
Bis(2-chloroisopropyl)ether	64		71		40-140	10		50
Bis(2-chloroethoxy)methane	73		81		40-117	10		50
Hexachlorobutadiene	68		78		40-140	14		50
Hexachlorocyclopentadiene	72		82		40-140	13		50
Hexachloroethane	66		72		40-140	9		50
Isophorone	75		83		40-140	10		50
Naphthalene	69		78		40-140	12		50
Nitrobenzene	73		82		40-140	12		50
NDPA/DPA	75		84		36-157	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1456855-2 WG1456855-3								
n-Nitrosodi-n-propylamine	74		83		32-121	11		50
Bis(2-ethylhexyl)phthalate	80		90		40-140	12		50
Butyl benzyl phthalate	76		86		40-140	12		50
Di-n-butylphthalate	79		88		40-140	11		50
Di-n-octylphthalate	76		85		40-140	11		50
Diethyl phthalate	76		84		40-140	10		50
Dimethyl phthalate	81		90		40-140	11		50
Benzo(a)anthracene	72		80		40-140	11		50
Benzo(a)pyrene	72		80		40-140	11		50
Benzo(b)fluoranthene	74		84		40-140	13		50
Benzo(k)fluoranthene	72		81		40-140	12		50
Chrysene	70		79		40-140	12		50
Acenaphthylene	78		86		40-140	10		50
Anthracene	71		80		40-140	12		50
Benzo(ghi)perylene	73		83		40-140	13		50
Fluorene	73		80		40-140	9		50
Phenanthrene	70		78		40-140	11		50
Dibenzo(a,h)anthracene	74		82		40-140	10		50
Indeno(1,2,3-cd)pyrene	73		83		40-140	13		50
Pyrene	71		80		35-142	12		50
Biphenyl	71		80		37-127	12		50
4-Chloroaniline	48		51		40-140	6		50
2-Nitroaniline	84		95		47-134	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1456855-2 WG1456855-3								
3-Nitroaniline	65		69		26-129	6		50
4-Nitroaniline	78		88		41-125	12		50
Dibenzofuran	72		79		40-140	9		50
2-Methylnaphthalene	72		81		40-140	12		50
1,2,4,5-Tetrachlorobenzene	70		80		40-117	13		50
Acetophenone	72		80		14-144	11		50
2,4,6-Trichlorophenol	82		90		30-130	9		50
p-Chloro-m-cresol	83		92		26-103	10		50
2-Chlorophenol	73		82		25-102	12		50
2,4-Dichlorophenol	83		92		30-130	10		50
2,4-Dimethylphenol	78		87		30-130	11		50
2-Nitrophenol	81		89		30-130	9		50
4-Nitrophenol	80		90		11-114	12		50
2,4-Dinitrophenol	75		84		4-130	11		50
4,6-Dinitro-o-cresol	75		86		10-130	14		50
Pentachlorophenol	78		86		17-109	10		50
Phenol	75		81		26-90	8		50
2-Methylphenol	79		87		30-130.	10		50
3-Methylphenol/4-Methylphenol	80		89		30-130	11		50
2,4,5-Trichlorophenol	86		96		30-130	11		50
Benzoic Acid	58		72		10-110	22		50
Benzyl Alcohol	74		81		40-140	9		50
Carbazole	73		81		54-128	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1456855-2 WG1456855-3								
1,4-Dioxane	52		55		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		81		25-120
Phenol-d6	75		83		10-120
Nitrobenzene-d5	72		81		23-120
2-Fluorobiphenyl	72		82		30-120
2,4,6-Tribromophenol	82		95		10-136
4-Terphenyl-d14	68		78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 Batch: WG1460241-2								
Perfluorobutanoic Acid (PFBA)	100		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	103		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	108		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	103		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	103		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	101		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	106		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	107		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	96		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	110		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	103		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	114		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	101		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	112		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	105		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	99		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	112		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 Batch: WG1460241-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	111				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	63				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	65				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	66				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70				24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 Batch: WG1460241-2								
Perfluorooctanesulfonamide (FOSA)	109		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	78				10-117

Matrix Spike Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1460241-3 QC Sample: L2102678-05 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	0.052J	5.42	5.40	99		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	0.072J	5.42	5.64	103		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.81	5.30	110		-	-		72-128	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.07	5.76	114		-	-		62-145	-		30
Perfluorohexanoic Acid (PFHxA)	ND	5.42	5.59	103		-	-		70-132	-		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.09	5.30	104		-	-		73-123	-		30
Perfluoroheptanoic Acid (PFHpA)	0.050J	5.42	5.55	102		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.95	5.12	103		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	2.39	5.42	8.29	109		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.16	5.80	112		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.16	5.96	116		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	0.157J	5.42	5.22	94		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	0.928	5.03	6.63	113		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	5.42	5.61	104		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.2	5.96F	115		-	-		65-137	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	5.21	6.12	117		-	-		69-125	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.42	4.99	92		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.42	5.76	106		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.22	6.59	126		-	-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	ND	5.42	4.99	92		-	-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.095J	5.42	5.38	98		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	5.42	5.90	109		-	-		69-135	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1460241-3 QC Sample: L2102678-05 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	5.42	5.43	100		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	5.42	6.27	116		-	-		69-133	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	78				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	93				14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63				34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100				75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107				78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	69				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	97				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106				58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15				10-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97				79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109				74-139

Lab Duplicate Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1460241-4 QC Sample: L2102822-01 Client ID: SB-14 (0-2)						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	1.56	1.40	ng/g	11		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	0.337	0.315	ng/g	7		30
Perfluorooctanesulfonic Acid (PFOS)	0.602	0.510	ng/g	17		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.144JF	0.105J	ng/g	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/g	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1460241-4 QC Sample: L2102822-01 Client ID: SB-14 (0-2)						
PFOA/PFOS, Total	2.16	1.91	ng/g	12		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	67		80		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	74		87		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	79		89		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	77		90		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	72		83		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	79		89		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	**68**	Q	79		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	43		45		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	**71**	Q	82		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**65**	Q	**76**	Q	79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	**63**	Q	75		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	44		54		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**18**	Q	**24**	Q	31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	**59**	Q	72		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**18**	Q	**22**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**46**	Q	57		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	**17**	Q	**23**	Q	24-159

Lab Duplicate Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1460241-4 QC Sample: L2102822-01 Client ID: SB-14 (0-2)						
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		60		10-117

PCBS

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 09:34
Analyst: CW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.38	1	A
Aroclor 1221	ND		ug/kg	38.0	3.81	1	A
Aroclor 1232	ND		ug/kg	38.0	8.06	1	A
Aroclor 1242	ND		ug/kg	38.0	5.12	1	A
Aroclor 1248	ND		ug/kg	38.0	5.70	1	A
Aroclor 1254	21.1	JP	ug/kg	38.0	4.16	1	B
Aroclor 1260	ND		ug/kg	38.0	7.03	1	A
Aroclor 1262	ND		ug/kg	38.0	4.83	1	A
Aroclor 1268	ND		ug/kg	38.0	3.94	1	A
PCBs, Total	21.1	J	ug/kg	38.0	3.38	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 09:41
Analyst: CW
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.43	1	A
Aroclor 1221	ND		ug/kg	38.6	3.87	1	A
Aroclor 1232	ND		ug/kg	38.6	8.19	1	A
Aroclor 1242	ND		ug/kg	38.6	5.21	1	A
Aroclor 1248	ND		ug/kg	38.6	5.80	1	A
Aroclor 1254	ND		ug/kg	38.6	4.23	1	A
Aroclor 1260	ND		ug/kg	38.6	7.14	1	A
Aroclor 1262	ND		ug/kg	38.6	4.91	1	A
Aroclor 1268	ND		ug/kg	38.6	4.00	1	A
PCBs, Total	ND		ug/kg	38.6	3.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03
Client ID: SB-12 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 09:48
Analyst: CW
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.1	3.56	1	A
Aroclor 1221	ND		ug/kg	40.1	4.02	1	A
Aroclor 1232	ND		ug/kg	40.1	8.50	1	A
Aroclor 1242	ND		ug/kg	40.1	5.41	1	A
Aroclor 1248	ND		ug/kg	40.1	6.02	1	A
Aroclor 1254	ND		ug/kg	40.1	4.39	1	A
Aroclor 1260	65.8		ug/kg	40.1	7.41	1	B
Aroclor 1262	ND		ug/kg	40.1	5.09	1	A
Aroclor 1268	ND		ug/kg	40.1	4.16	1	A
PCBs, Total	65.8		ug/kg	40.1	3.56	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 09:55
Analyst: CW
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.42	1	A
Aroclor 1221	ND		ug/kg	38.6	3.86	1	A
Aroclor 1232	ND		ug/kg	38.6	8.18	1	A
Aroclor 1242	ND		ug/kg	38.6	5.20	1	A
Aroclor 1248	ND		ug/kg	38.6	5.79	1	A
Aroclor 1254	ND		ug/kg	38.6	4.22	1	A
Aroclor 1260	ND		ug/kg	38.6	7.13	1	A
Aroclor 1262	ND		ug/kg	38.6	4.90	1	A
Aroclor 1268	ND		ug/kg	38.6	4.00	1	A
PCBs, Total	ND		ug/kg	38.6	3.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:02
Analyst: CW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.5	3.42	1	A
Aroclor 1221	ND		ug/kg	38.5	3.85	1	A
Aroclor 1232	ND		ug/kg	38.5	8.15	1	A
Aroclor 1242	ND		ug/kg	38.5	5.18	1	A
Aroclor 1248	ND		ug/kg	38.5	5.77	1	A
Aroclor 1254	ND		ug/kg	38.5	4.21	1	A
Aroclor 1260	ND		ug/kg	38.5	7.11	1	A
Aroclor 1262	ND		ug/kg	38.5	4.88	1	A
Aroclor 1268	ND		ug/kg	38.5	3.98	1	A
PCBs, Total	ND		ug/kg	38.5	3.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:09
Analyst: CW
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.8	3.45	1	A
Aroclor 1221	ND		ug/kg	38.8	3.89	1	A
Aroclor 1232	ND		ug/kg	38.8	8.23	1	A
Aroclor 1242	ND		ug/kg	38.8	5.23	1	A
Aroclor 1248	ND		ug/kg	38.8	5.82	1	A
Aroclor 1254	ND		ug/kg	38.8	4.25	1	A
Aroclor 1260	ND		ug/kg	38.8	7.17	1	A
Aroclor 1262	ND		ug/kg	38.8	4.93	1	A
Aroclor 1268	ND		ug/kg	38.8	4.02	1	A
PCBs, Total	ND		ug/kg	38.8	3.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:16
Analyst: CW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.3	3.49	1	A
Aroclor 1221	ND		ug/kg	39.3	3.94	1	A
Aroclor 1232	ND		ug/kg	39.3	8.34	1	A
Aroclor 1242	ND		ug/kg	39.3	5.30	1	A
Aroclor 1248	ND		ug/kg	39.3	5.90	1	A
Aroclor 1254	ND		ug/kg	39.3	4.30	1	A
Aroclor 1260	ND		ug/kg	39.3	7.27	1	A
Aroclor 1262	ND		ug/kg	39.3	4.99	1	A
Aroclor 1268	ND		ug/kg	39.3	4.07	1	A
PCBs, Total	ND		ug/kg	39.3	3.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08
Client ID: SB-11 (5-7)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:23
Analyst: CW
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	3.57	1	A
Aroclor 1221	ND		ug/kg	40.2	4.03	1	A
Aroclor 1232	ND		ug/kg	40.2	8.52	1	A
Aroclor 1242	ND		ug/kg	40.2	5.42	1	A
Aroclor 1248	ND		ug/kg	40.2	6.03	1	A
Aroclor 1254	ND		ug/kg	40.2	4.40	1	A
Aroclor 1260	ND		ug/kg	40.2	7.43	1	A
Aroclor 1262	ND		ug/kg	40.2	5.10	1	A
Aroclor 1268	ND		ug/kg	40.2	4.16	1	A
PCBs, Total	ND		ug/kg	40.2	3.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:30
Analyst: CW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	3.33	1	A
Aroclor 1221	ND		ug/kg	37.5	3.75	1	A
Aroclor 1232	ND		ug/kg	37.5	7.94	1	A
Aroclor 1242	ND		ug/kg	37.5	5.05	1	A
Aroclor 1248	ND		ug/kg	37.5	5.62	1	A
Aroclor 1254	ND		ug/kg	37.5	4.10	1	A
Aroclor 1260	ND		ug/kg	37.5	6.92	1	A
Aroclor 1262	ND		ug/kg	37.5	4.76	1	A
Aroclor 1268	ND		ug/kg	37.5	3.88	1	A
PCBs, Total	ND		ug/kg	37.5	3.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10
Client ID: SB-16 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:37
Analyst: CW
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.40	1	A
Aroclor 1221	ND		ug/kg	38.2	3.83	1	A
Aroclor 1232	ND		ug/kg	38.2	8.11	1	A
Aroclor 1242	ND		ug/kg	38.2	5.15	1	A
Aroclor 1248	ND		ug/kg	38.2	5.74	1	A
Aroclor 1254	14.2	J	ug/kg	38.2	4.18	1	A
Aroclor 1260	ND		ug/kg	38.2	7.07	1	A
Aroclor 1262	ND		ug/kg	38.2	4.86	1	A
Aroclor 1268	ND		ug/kg	38.2	3.96	1	A
PCBs, Total	14.2	J	ug/kg	38.2	3.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11
Client ID: SB-17 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:44
Analyst: CW
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.3	3.22	1	A
Aroclor 1221	ND		ug/kg	36.3	3.64	1	A
Aroclor 1232	ND		ug/kg	36.3	7.70	1	A
Aroclor 1242	ND		ug/kg	36.3	4.89	1	A
Aroclor 1248	ND		ug/kg	36.3	5.45	1	A
Aroclor 1254	8.77	J	ug/kg	36.3	3.97	1	A
Aroclor 1260	ND		ug/kg	36.3	6.71	1	A
Aroclor 1262	ND		ug/kg	36.3	4.61	1	A
Aroclor 1268	ND		ug/kg	36.3	3.76	1	A
PCBs, Total	8.77	J	ug/kg	36.3	3.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/21/21 10:51
Analyst: CW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	3.37	1	A
Aroclor 1221	ND		ug/kg	37.9	3.80	1	A
Aroclor 1232	ND		ug/kg	37.9	8.04	1	A
Aroclor 1242	ND		ug/kg	37.9	5.11	1	A
Aroclor 1248	ND		ug/kg	37.9	5.69	1	A
Aroclor 1254	7.05	J	ug/kg	37.9	4.15	1	B
Aroclor 1260	ND		ug/kg	37.9	7.01	1	A
Aroclor 1262	ND		ug/kg	37.9	4.82	1	A
Aroclor 1268	ND		ug/kg	37.9	3.93	1	A
PCBs, Total	7.05	J	ug/kg	37.9	3.37	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/21/21 09:13
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:49
Cleanup Method: EPA 3665A
Cleanup Date: 01/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-12 Batch: WG1456814-1						
Aroclor 1016	ND		ug/kg	31.5	2.80	A
Aroclor 1221	ND		ug/kg	31.5	3.15	A
Aroclor 1232	ND		ug/kg	31.5	6.68	A
Aroclor 1242	ND		ug/kg	31.5	4.24	A
Aroclor 1248	ND		ug/kg	31.5	4.72	A
Aroclor 1254	ND		ug/kg	31.5	3.44	A
Aroclor 1260	ND		ug/kg	31.5	5.82	A
Aroclor 1262	ND		ug/kg	31.5	4.00	A
Aroclor 1268	ND		ug/kg	31.5	3.26	A
PCBs, Total	ND		ug/kg	31.5	2.80	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	70		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG1456814-2 WG1456814-3									
Aroclor 1016	73		71		40-140	3		50	A
Aroclor 1260	63		60		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	A
Decachlorobiphenyl	65		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		93		30-150	B
Decachlorobiphenyl	78		75		30-150	B

PESTICIDES

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/25/21 22:51
Analyst: SDC
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.792	0.354	1	A
Alpha-BHC	ND		ug/kg	0.792	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.720	1	A
Heptachlor	ND		ug/kg	0.950	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.669	1	A
Heptachlor epoxide	ND		ug/kg	3.56	1.07	1	A
Endrin	ND		ug/kg	0.792	0.324	1	A
Endrin aldehyde	ND		ug/kg	2.37	0.831	1	A
Endrin ketone	ND		ug/kg	1.90	0.489	1	A
Dieldrin	ND		ug/kg	1.19	0.594	1	A
4,4'-DDE	30.0		ug/kg	1.90	0.439	1	A
4,4'-DDD	10.4		ug/kg	1.90	0.678	1	A
4,4'-DDT	21.6		ug/kg	3.56	1.53	1	B
Endosulfan I	ND		ug/kg	1.90	0.449	1	A
Endosulfan II	ND		ug/kg	1.90	0.635	1	A
Endosulfan sulfate	ND		ug/kg	0.792	0.377	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.97	1	A
cis-Chlordane	1.68	J	ug/kg	2.37	0.662	1	B
trans-Chlordane	4.34	P	ug/kg	2.37	0.627	1	A
Chlordane	ND		ug/kg	15.8	6.29	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01 Date Collected: 01/19/21 07:30

Client ID: SB-14 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/22/21 12:02
Analyst: AR
Percent Solids: 82%
Methylation Date: 01/21/21 20:45

Extraction Method: EPA 8151A
Extraction Date: 01/21/21 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.5	1	A
2,4,5-T	ND		ug/kg	198	6.13	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	78		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/25/21 23:03
Analyst: SDC
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.375	1	A
Lindane	ND		ug/kg	0.798	0.357	1	A
Alpha-BHC	ND		ug/kg	0.798	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.727	1	A
Heptachlor	ND		ug/kg	0.958	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.675	1	A
Heptachlor epoxide	ND		ug/kg	3.59	1.08	1	A
Endrin	ND		ug/kg	0.798	0.327	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.838	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	ND		ug/kg	1.20	0.599	1	A
4,4'-DDE	ND		ug/kg	1.92	0.443	1	A
4,4'-DDD	ND		ug/kg	1.92	0.684	1	A
4,4'-DDT	ND		ug/kg	3.59	1.54	1	A
Endosulfan I	ND		ug/kg	1.92	0.453	1	A
Endosulfan II	ND		ug/kg	1.92	0.640	1	A
Endosulfan sulfate	ND		ug/kg	0.798	0.380	1	A
Methoxychlor	ND		ug/kg	3.59	1.12	1	A
Toxaphene	ND		ug/kg	35.9	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.668	1	A
trans-Chlordane	ND		ug/kg	2.40	0.632	1	A
Chlordane	ND		ug/kg	16.0	6.35	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02 Date Collected: 01/19/21 07:50

Client ID: SB-14 (17.5-19.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/22/21 12:20
Analyst: AR
Percent Solids: 83%
Methylation Date: 01/21/21 20:45

Extraction Method: EPA 8151A
Extraction Date: 01/21/21 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.5	1	A
2,4,5-T	ND		ug/kg	198	6.14	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	75		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03
Client ID: SB-12 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/25/21 23:16
Analyst: SDC
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.96	0.383	1	A
Lindane	ND		ug/kg	0.815	0.364	1	A
Alpha-BHC	ND		ug/kg	0.815	0.232	1	A
Beta-BHC	ND		ug/kg	1.96	0.742	1	A
Heptachlor	ND		ug/kg	0.978	0.439	1	A
Aldrin	ND		ug/kg	1.96	0.689	1	A
Heptachlor epoxide	ND		ug/kg	3.67	1.10	1	A
Endrin	ND		ug/kg	0.815	0.334	1	A
Endrin aldehyde	ND		ug/kg	2.45	0.856	1	A
Endrin ketone	ND		ug/kg	1.96	0.504	1	A
Dieldrin	ND		ug/kg	1.22	0.612	1	A
4,4'-DDE	3.24		ug/kg	1.96	0.452	1	B
4,4'-DDD	5.85		ug/kg	1.96	0.698	1	A
4,4'-DDT	8.44	IP	ug/kg	3.67	1.57	1	A
Endosulfan I	ND		ug/kg	1.96	0.462	1	A
Endosulfan II	ND		ug/kg	1.96	0.654	1	A
Endosulfan sulfate	ND		ug/kg	0.815	0.388	1	A
Methoxychlor	ND		ug/kg	3.67	1.14	1	A
Toxaphene	ND		ug/kg	36.7	10.3	1	A
cis-Chlordane	1.44	JIP	ug/kg	2.45	0.682	1	B
trans-Chlordane	1.71	JIP	ug/kg	2.45	0.646	1	B
Chlordane	ND		ug/kg	16.3	6.48	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03 Date Collected: 01/19/21 08:00

Client ID: SB-12 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03
Client ID: SB-12 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/22/21 12:39
Analyst: AR
Percent Solids: 80%
Methylation Date: 01/21/21 20:45

Extraction Method: EPA 8151A
Extraction Date: 01/21/21 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	205	12.9	1	A
2,4,5-T	ND		ug/kg	205	6.35	1	A
2,4,5-TP (Silvex)	ND		ug/kg	205	5.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	82		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/25/21 23:29
Analyst: SDC
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.756	0.338	1	A
Alpha-BHC	ND		ug/kg	0.756	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.688	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.639	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.756	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.794	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.13	0.567	1	A
4,4'-DDE	ND		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.756	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.53	1	A
cis-Chlordane	ND		ug/kg	2.27	0.632	1	A
trans-Chlordane	ND		ug/kg	2.27	0.599	1	A
Chlordane	ND		ug/kg	15.1	6.01	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04 Date Collected: 01/19/21 08:40

Client ID: SB-12 (6.5-8.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/22/21 12:57
Analyst: AR
Percent Solids: 83%
Methylation Date: 01/21/21 20:45

Extraction Method: EPA 8151A
Extraction Date: 01/21/21 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	198	12.5	1	A
2,4,5-T	ND		ug/kg	198	6.14	1	A
2,4,5-TP (Silvex)	ND		ug/kg	198	5.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	77		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/25/21 23:41
Analyst: SDC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.343	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.699	1	A
Heptachlor	5.37		ug/kg	0.921	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	3.88	IP	ug/kg	3.45	1.04	1	B
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.806	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	1.93	IP	ug/kg	1.84	0.426	1	B
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	3.79	P	ug/kg	3.45	1.48	1	B
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.67	1	A
cis-Chlordane	46.4	IP	ug/kg	2.30	0.642	1	B
trans-Chlordane	67.3		ug/kg	2.30	0.608	1	A
Chlordane	ND		ug/kg	15.4	6.10	1	A

Project Name: LIBERTY TOWERS
Lab Number: L2102822
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/25/21 19:38
Analyst: AR
Percent Solids: 85%
Methylation Date: 01/23/21 07:30

Extraction Method: EPA 8151A
Extraction Date: 01/22/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.04	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	101		30-150	A
DCAA	87		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/25/21 23:54
Analyst: SDC
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.759	0.339	1	A
Alpha-BHC	ND		ug/kg	0.759	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.911	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.759	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.797	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	ND		ug/kg	1.14	0.569	1	A
4,4'-DDE	ND		ug/kg	1.82	0.421	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	ND		ug/kg	3.42	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.759	0.361	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.56	1	A
cis-Chlordane	ND		ug/kg	2.28	0.635	1	A
trans-Chlordane	ND		ug/kg	2.28	0.601	1	A
Chlordane	ND		ug/kg	15.2	6.04	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06 Date Collected: 01/19/21 09:30

Client ID: SB-15 (14.5-16.5) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/25/21 19:20
Analyst: AR
Percent Solids: 84%
Methylation Date: 01/23/21 07:30

Extraction Method: EPA 8151A
Extraction Date: 01/22/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.07	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	80		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/26/21 00:06
Analyst: SDC
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.376	1	A
Lindane	ND		ug/kg	0.800	0.358	1	A
Alpha-BHC	ND		ug/kg	0.800	0.227	1	A
Beta-BHC	ND		ug/kg	1.92	0.728	1	A
Heptachlor	ND		ug/kg	0.960	0.430	1	A
Aldrin	ND		ug/kg	1.92	0.676	1	A
Heptachlor epoxide	ND		ug/kg	3.60	1.08	1	A
Endrin	ND		ug/kg	0.800	0.328	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.840	1	A
Endrin ketone	ND		ug/kg	1.92	0.494	1	A
Dieldrin	ND		ug/kg	1.20	0.600	1	A
4,4'-DDE	0.996	JP	ug/kg	1.92	0.444	1	B
4,4'-DDD	ND		ug/kg	1.92	0.685	1	A
4,4'-DDT	2.26	JP	ug/kg	3.60	1.54	1	B
Endosulfan I	ND		ug/kg	1.92	0.454	1	A
Endosulfan II	ND		ug/kg	1.92	0.641	1	A
Endosulfan sulfate	ND		ug/kg	0.800	0.381	1	A
Methoxychlor	ND		ug/kg	3.60	1.12	1	A
Toxaphene	ND		ug/kg	36.0	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.669	1	A
trans-Chlordane	ND		ug/kg	2.40	0.633	1	A
Chlordane	ND		ug/kg	16.0	6.36	1	A

Project Name: LIBERTY TOWERS
Lab Number: L2102822
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/25/21 19:02
Analyst: AR
Percent Solids: 82%
Methylation Date: 01/23/21 07:30

Extraction Method: EPA 8151A
Extraction Date: 01/22/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.4	1	A
2,4,5-T	ND		ug/kg	196	6.09	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	86		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08
Client ID: SB-11 (5-7)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/26/21 00:19
Analyst: SDC
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.792	0.354	1	A
Alpha-BHC	ND		ug/kg	0.792	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.721	1	A
Heptachlor	ND		ug/kg	0.950	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.669	1	A
Heptachlor epoxide	ND		ug/kg	3.56	1.07	1	A
Endrin	ND		ug/kg	0.792	0.325	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.832	1	A
Endrin ketone	ND		ug/kg	1.90	0.489	1	A
Dieldrin	ND		ug/kg	1.19	0.594	1	A
4,4'-DDE	ND		ug/kg	1.90	0.440	1	A
4,4'-DDD	ND		ug/kg	1.90	0.678	1	A
4,4'-DDT	ND		ug/kg	3.56	1.53	1	B
Endosulfan I	ND		ug/kg	1.90	0.449	1	A
Endosulfan II	ND		ug/kg	1.90	0.635	1	A
Endosulfan sulfate	ND		ug/kg	0.792	0.377	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.98	1	A
cis-Chlordane	ND		ug/kg	2.38	0.662	1	A
trans-Chlordane	ND		ug/kg	2.38	0.627	1	A
Chlordane	ND		ug/kg	15.8	6.30	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08 Date Collected: 01/19/21 10:00

Client ID: SB-11 (5-7) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08
Client ID: SB-11 (5-7)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/25/21 18:44
Analyst: AR
Percent Solids: 82%
Methylation Date: 01/23/21 07:30

Extraction Method: EPA 8151A
Extraction Date: 01/22/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.12	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	85		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/26/21 16:09
Analyst: SDC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.354	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.214	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.903	0.405	1	A
Aldrin	ND		ug/kg	1.80	0.636	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.02	1	B
Endrin	ND		ug/kg	0.752	0.308	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.790	1	A
Endrin ketone	ND		ug/kg	1.80	0.465	1	A
Dieldrin	2.32		ug/kg	1.13	0.564	1	B
4,4'-DDE	2.79		ug/kg	1.80	0.417	1	B
4,4'-DDD	2.26	P	ug/kg	1.80	0.644	1	A
4,4'-DDT	3.77		ug/kg	3.38	1.45	1	B
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.48	1	A
cis-Chlordane	2.80	P	ug/kg	2.26	0.629	1	A
trans-Chlordane	2.04	J	ug/kg	2.26	0.596	1	A
Chlordane	23.5		ug/kg	15.0	5.98	1	B

Project Name: LIBERTY TOWERS
Lab Number: L2102822
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/25/21 18:25
Analyst: AR
Percent Solids: 87%
Methylation Date: 01/23/21 07:30

Extraction Method: EPA 8151A
Extraction Date: 01/22/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.82	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	85		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10
Client ID: SB-16 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/26/21 00:44
Analyst: SDC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.675	1	A
Heptachlor	2.18	P	ug/kg	0.890	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	3.00	J	ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.779	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	3.08		ug/kg	1.78	0.412	1	B
4,4'-DDD	ND		ug/kg	1.78	0.635	1	B
4,4'-DDT	6.16		ug/kg	3.34	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.421	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.35	1	A
cis-Chlordane	12.9	IP	ug/kg	2.23	0.620	1	B
trans-Chlordane	21.0		ug/kg	2.23	0.588	1	A
Chlordane	ND		ug/kg	14.8	5.90	1	A

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10 Date Collected: 01/19/21 10:30

Client ID: SB-16 (7-9) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10
Client ID: SB-16 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/25/21 17:12
Analyst: AR
Percent Solids: 85%
Methylation Date: 01/23/21 07:30

Extraction Method: EPA 8151A
Extraction Date: 01/22/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.94	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	87		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11
Client ID: SB-17 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/26/21 16:20
Analyst: SDC
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.663	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	2.89	JP	ug/kg	3.28	0.984	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.765	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	6.12		ug/kg	1.75	0.404	1	A
4,4'-DDD	ND		ug/kg	1.75	0.624	1	A
4,4'-DDT	6.85		ug/kg	3.28	1.41	1	B
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.585	1	A
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.18	1	A
cis-Chlordane	10.2	IP	ug/kg	2.19	0.609	1	B
trans-Chlordane	10.8		ug/kg	2.19	0.577	1	A
Chlordane	96.0		ug/kg	14.6	5.80	1	B

Project Name: LIBERTY TOWERS **Lab Number:** L2102822

Project Number: LIBERTY TOWERS **Report Date:** 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11 Date Collected: 01/19/21 10:50

Client ID: SB-17 (0-2) Date Received: 01/19/21

Sample Location: STATEN ISLAND Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11
Client ID: SB-17 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/25/21 17:31
Analyst: AR
Percent Solids: 89%
Methylation Date: 01/23/21 07:30

Extraction Method: EPA 8151A
Extraction Date: 01/22/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	11.5	1	A
2,4,5-T	ND		ug/kg	183	5.67	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	82		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/26/21 01:09
Analyst: SDC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.747	0.334	1	A
Alpha-BHC	ND		ug/kg	0.747	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	1.07	JP	ug/kg	3.36	1.01	1	B
Endrin	ND		ug/kg	0.747	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.462	1	A
Dieldrin	1.00	J	ug/kg	1.12	0.560	1	A
4,4'-DDE	3.34		ug/kg	1.79	0.415	1	A
4,4'-DDD	1.11	J	ug/kg	1.79	0.640	1	A
4,4'-DDT	3.45		ug/kg	3.36	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.424	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND	IP	ug/kg	0.747	0.356	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	8.03	IP	ug/kg	2.24	0.624	1	B
trans-Chlordane	9.73	P	ug/kg	2.24	0.592	1	A
Chlordane	ND		ug/kg	14.9	5.94	1	A

Project Name: LIBERTY TOWERS
Lab Number: L2102822
Project Number: LIBERTY TOWERS
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/25/21 17:49
Analyst: AR
Percent Solids: 87%
Methylation Date: 01/23/21 07:30

Extraction Method: EPA 8151A
Extraction Date: 01/22/21 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.8	1	A
2,4,5-T	ND		ug/kg	188	5.84	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	86		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 01/21/21 11:02
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 01/20/21 03:48

Methylation Date: 01/20/21 20:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1456660-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	82		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/25/21 15:25
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-12 Batch: WG1456813-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.644	0.288	A
Alpha-BHC	ND		ug/kg	0.644	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.586	A
Heptachlor	ND		ug/kg	0.773	0.347	A
Aldrin	ND		ug/kg	1.55	0.544	A
Heptachlor epoxide	ND		ug/kg	2.90	0.870	A
Endrin	ND		ug/kg	0.644	0.264	A
Endrin aldehyde	ND		ug/kg	1.93	0.676	A
Endrin ketone	ND		ug/kg	1.55	0.398	A
Dieldrin	ND		ug/kg	0.966	0.483	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.552	A
4,4'-DDT	ND		ug/kg	2.90	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.365	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.644	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.902	A
Toxaphene	ND		ug/kg	29.0	8.12	A
cis-Chlordane	ND		ug/kg	1.93	0.539	A
trans-Chlordane	ND		ug/kg	1.93	0.510	A
Chlordane	ND		ug/kg	12.9	5.12	A

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/25/21 15:25
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 01/20/21 09:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-12 Batch: WG1456813-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 01/22/21 10:49
Analyst: AR

Extraction Method: EPA 8151A
Extraction Date: 01/21/21 18:55

Methylation Date: 01/22/21 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 05-12 Batch: WG1457515-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.03	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1456660-2 WG1456660-3									
2,4-D	86		86		30-150	0		30	A
2,4,5-T	82		81		30-150	1		30	A
2,4,5-TP (Silvex)	81		80		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	85		85		30-150	A
DCAA	81		81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG1456813-2 WG1456813-3									
Delta-BHC	74		80		30-150	8		30	A
Lindane	74		80		30-150	8		30	A
Alpha-BHC	77		82		30-150	6		30	A
Beta-BHC	71		77		30-150	8		30	A
Heptachlor	71		78		30-150	9		30	A
Aldrin	71		76		30-150	7		30	A
Heptachlor epoxide	67		73		30-150	9		30	A
Endrin	73		83		30-150	13		30	A
Endrin aldehyde	56		59		30-150	5		30	A
Endrin ketone	71		78		30-150	9		30	A
Dieldrin	74		85		30-150	14		30	A
4,4'-DDE	69		78		30-150	12		30	A
4,4'-DDD	74		85		30-150	14		30	A
4,4'-DDT	74		82		30-150	10		30	A
Endosulfan I	68		78		30-150	14		30	A
Endosulfan II	75		78		30-150	4		30	A
Endosulfan sulfate	57		59		30-150	3		30	A
Methoxychlor	80		87		30-150	8		30	A
cis-Chlordane	63		72		30-150	13		30	A
trans-Chlordane	68		78		30-150	14		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG1456813-2 WG1456813-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		66		30-150	A
Decachlorobiphenyl	87		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		70		30-150	B
Decachlorobiphenyl	77		81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 05-12 Batch: WG1457515-2 WG1457515-3									
2,4-D	74		93		30-150	23		30	A
2,4,5-T	74		93		30-150	23		30	A
2,4,5-TP (Silvex)	72		89		30-150	21		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		97		30-150	A
DCAA	73		92		30-150	B

METALS

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7760		mg/kg	9.49	2.56	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Antimony, Total	1.14	J	mg/kg	4.74	0.360	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Arsenic, Total	11.2		mg/kg	0.949	0.197	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Barium, Total	81.6		mg/kg	0.949	0.165	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Beryllium, Total	0.342	J	mg/kg	0.474	0.031	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Cadmium, Total	0.844	J	mg/kg	0.949	0.093	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Calcium, Total	1580		mg/kg	9.49	3.32	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Chromium, Total	39.5		mg/kg	0.949	0.091	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Cobalt, Total	30.4		mg/kg	1.90	0.158	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Copper, Total	168		mg/kg	0.949	0.245	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Iron, Total	22300		mg/kg	4.74	0.857	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Lead, Total	156		mg/kg	4.74	0.254	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Magnesium, Total	16100		mg/kg	9.49	1.46	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Manganese, Total	624		mg/kg	0.949	0.151	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Mercury, Total	0.232		mg/kg	0.078	0.051	1	01/21/21 00:38	01/26/21 15:14	EPA 7471B	1,7471B	VW
Nickel, Total	334		mg/kg	2.37	0.230	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Potassium, Total	399		mg/kg	237	13.7	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Selenium, Total	0.626	J	mg/kg	1.90	0.245	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.949	0.268	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Sodium, Total	57.1	J	mg/kg	190	2.99	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.90	0.299	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Vanadium, Total	26.6		mg/kg	0.949	0.193	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV
Zinc, Total	129		mg/kg	4.74	0.278	2	01/21/21 00:29	01/25/21 19:26	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8790		mg/kg	9.18	2.48	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.59	0.349	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Arsenic, Total	3.30		mg/kg	0.918	0.191	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Barium, Total	77.6		mg/kg	0.918	0.160	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Beryllium, Total	0.284	J	mg/kg	0.459	0.030	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Cadmium, Total	0.542	J	mg/kg	0.918	0.090	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Calcium, Total	1320		mg/kg	9.18	3.21	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Chromium, Total	16.9		mg/kg	0.918	0.088	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Cobalt, Total	9.41		mg/kg	1.84	0.152	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Copper, Total	17.5		mg/kg	0.918	0.237	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Iron, Total	20900		mg/kg	4.59	0.829	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Lead, Total	11.0		mg/kg	4.59	0.246	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Magnesium, Total	4710		mg/kg	9.18	1.41	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Manganese, Total	521		mg/kg	0.918	0.146	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.079	0.052	1	01/21/21 00:38	01/26/21 15:18	EPA 7471B	1,7471B	VW
Nickel, Total	32.4		mg/kg	2.29	0.222	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Potassium, Total	1400		mg/kg	229	13.2	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.84	0.237	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.918	0.260	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Sodium, Total	98.5	J	mg/kg	184	2.89	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.84	0.289	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Vanadium, Total	24.3		mg/kg	0.918	0.186	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV
Zinc, Total	48.3		mg/kg	4.59	0.269	2	01/21/21 00:29	01/25/21 19:31	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03
Client ID: SB-12 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 08:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5010		mg/kg	9.64	2.60	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Antimony, Total	0.405	J	mg/kg	4.82	0.366	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Arsenic, Total	6.24		mg/kg	0.964	0.200	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Barium, Total	83.8		mg/kg	0.964	0.168	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Beryllium, Total	0.164	J	mg/kg	0.482	0.032	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Cadmium, Total	0.829	J	mg/kg	0.964	0.094	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Calcium, Total	3420		mg/kg	9.64	3.37	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Chromium, Total	33.9		mg/kg	0.964	0.093	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Cobalt, Total	21.0		mg/kg	1.93	0.160	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Copper, Total	44.6		mg/kg	0.964	0.249	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Iron, Total	19200		mg/kg	4.82	0.870	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Lead, Total	189		mg/kg	4.82	0.258	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Magnesium, Total	22600		mg/kg	9.64	1.48	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Manganese, Total	402		mg/kg	0.964	0.153	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Mercury, Total	0.204		mg/kg	0.081	0.053	1	01/21/21 00:38	01/26/21 15:21	EPA 7471B	1,7471B	VW
Nickel, Total	375		mg/kg	2.41	0.233	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Potassium, Total	641		mg/kg	241	13.9	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Selenium, Total	0.501	J	mg/kg	1.93	0.249	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.964	0.273	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Sodium, Total	69.1	J	mg/kg	193	3.04	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.93	0.304	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Vanadium, Total	20.8		mg/kg	0.964	0.196	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV
Zinc, Total	151		mg/kg	4.82	0.282	2	01/21/21 00:29	01/25/21 19:35	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6520		mg/kg	9.52	2.57	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.76	0.362	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Arsenic, Total	4.59		mg/kg	0.952	0.198	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Barium, Total	21.7		mg/kg	0.952	0.166	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Beryllium, Total	0.219	J	mg/kg	0.476	0.031	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Cadmium, Total	0.362	J	mg/kg	0.952	0.093	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Calcium, Total	648		mg/kg	9.52	3.33	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Chromium, Total	16.0		mg/kg	0.952	0.091	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Cobalt, Total	9.94		mg/kg	1.90	0.158	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Copper, Total	6.58		mg/kg	0.952	0.246	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Iron, Total	17900		mg/kg	4.76	0.859	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Lead, Total	7.47		mg/kg	4.76	0.255	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Magnesium, Total	1990		mg/kg	9.52	1.46	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Manganese, Total	368		mg/kg	0.952	0.151	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.091	0.060	1	01/21/21 00:38	01/26/21 15:31	EPA 7471B	1,7471B	VW
Nickel, Total	29.0		mg/kg	2.38	0.230	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Potassium, Total	266		mg/kg	238	13.7	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.90	0.246	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.952	0.269	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Sodium, Total	35.2	J	mg/kg	190	3.00	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.90	0.300	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Vanadium, Total	20.4		mg/kg	0.952	0.193	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV
Zinc, Total	24.8		mg/kg	4.76	0.279	2	01/21/21 00:29	01/25/21 20:22	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3370		mg/kg	9.21	2.49	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.61	0.350	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Arsenic, Total	3.34		mg/kg	0.921	0.192	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Barium, Total	47.7		mg/kg	0.921	0.160	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Beryllium, Total	0.101	J	mg/kg	0.461	0.030	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Cadmium, Total	0.709	J	mg/kg	0.921	0.090	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Calcium, Total	12800		mg/kg	9.21	3.22	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Chromium, Total	136		mg/kg	0.921	0.088	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Cobalt, Total	48.0		mg/kg	1.84	0.153	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Copper, Total	10.8		mg/kg	0.921	0.238	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Iron, Total	27500		mg/kg	4.61	0.832	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Lead, Total	31.8		mg/kg	4.61	0.247	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Magnesium, Total	114000		mg/kg	92.1	14.2	20	01/21/21 00:29	01/26/21 14:36	EPA 3050B	1,6010D	GD
Manganese, Total	1540		mg/kg	0.921	0.146	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Mercury, Total	0.064	J	mg/kg	0.075	0.049	1	01/21/21 00:38	01/26/21 15:34	EPA 7471B	1,7471B	VW
Nickel, Total	937		mg/kg	2.30	0.223	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Potassium, Total	518		mg/kg	230	13.3	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Selenium, Total	0.580	J	mg/kg	1.84	0.238	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.921	0.261	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Sodium, Total	62.5	J	mg/kg	184	2.90	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.84	0.290	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Vanadium, Total	12.2		mg/kg	0.921	0.187	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV
Zinc, Total	40.0		mg/kg	4.61	0.270	2	01/21/21 00:29	01/25/21 20:26	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8310		mg/kg	9.47	2.56	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.73	0.360	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Arsenic, Total	3.50		mg/kg	0.947	0.197	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Barium, Total	62.5		mg/kg	0.947	0.165	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Beryllium, Total	0.199	J	mg/kg	0.473	0.031	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Cadmium, Total	0.511	J	mg/kg	0.947	0.093	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Calcium, Total	2190		mg/kg	9.47	3.31	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Chromium, Total	20.4		mg/kg	0.947	0.091	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Cobalt, Total	9.68		mg/kg	1.89	0.157	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Copper, Total	18.6		mg/kg	0.947	0.244	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Iron, Total	20800		mg/kg	4.73	0.855	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Lead, Total	12.2		mg/kg	4.73	0.254	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Magnesium, Total	4980		mg/kg	9.47	1.46	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Manganese, Total	548		mg/kg	0.947	0.150	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.087	0.057	1	01/21/21 00:38	01/26/21 15:37	EPA 7471B	1,7471B	VW
Nickel, Total	86.6		mg/kg	2.37	0.229	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Potassium, Total	1690		mg/kg	237	13.6	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.89	0.244	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.947	0.268	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Sodium, Total	128	J	mg/kg	189	2.98	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.89	0.298	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Vanadium, Total	24.9		mg/kg	0.947	0.192	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV
Zinc, Total	51.8		mg/kg	4.73	0.277	2	01/21/21 00:29	01/25/21 20:45	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	9.41	2.54	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.70	0.358	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Arsenic, Total	6.55		mg/kg	0.941	0.196	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Barium, Total	51.3		mg/kg	0.941	0.164	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Beryllium, Total	0.216	J	mg/kg	0.470	0.031	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Cadmium, Total	0.621	J	mg/kg	0.941	0.092	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Calcium, Total	1470		mg/kg	9.41	3.29	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Chromium, Total	37.4		mg/kg	0.941	0.090	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Cobalt, Total	19.9		mg/kg	1.88	0.156	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Copper, Total	26.4		mg/kg	0.941	0.243	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Iron, Total	22500		mg/kg	4.70	0.850	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Lead, Total	60.8		mg/kg	4.70	0.252	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Magnesium, Total	7280		mg/kg	9.41	1.45	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Manganese, Total	487		mg/kg	0.941	0.150	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.080	0.052	1	01/21/21 00:38	01/26/21 15:41	EPA 7471B	1,7471B	VW
Nickel, Total	213		mg/kg	2.35	0.228	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Potassium, Total	958		mg/kg	235	13.5	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Selenium, Total	0.348	J	mg/kg	1.88	0.243	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.941	0.266	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Sodium, Total	59.3	J	mg/kg	188	2.96	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.88	0.296	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Vanadium, Total	30.2		mg/kg	0.941	0.191	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV
Zinc, Total	79.0		mg/kg	4.70	0.276	2	01/21/21 00:29	01/25/21 20:50	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08
Client ID: SB-11 (5-7)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7670		mg/kg	9.36	2.53	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.68	0.356	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Arsenic, Total	8.93		mg/kg	0.936	0.195	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Barium, Total	52.4		mg/kg	0.936	0.163	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Beryllium, Total	0.187	J	mg/kg	0.468	0.031	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Cadmium, Total	0.955		mg/kg	0.936	0.092	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Calcium, Total	2130		mg/kg	9.36	3.28	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Chromium, Total	82.0		mg/kg	0.936	0.090	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Cobalt, Total	48.4		mg/kg	1.87	0.155	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Copper, Total	43.0		mg/kg	0.936	0.242	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Iron, Total	31500		mg/kg	4.68	0.845	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Lead, Total	31.8		mg/kg	4.68	0.251	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Magnesium, Total	21200		mg/kg	9.36	1.44	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Manganese, Total	869		mg/kg	0.936	0.149	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.086	0.056	1	01/21/21 00:38	01/26/21 15:44	EPA 7471B	1,7471B	VW
Nickel, Total	751		mg/kg	2.34	0.226	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Potassium, Total	1780		mg/kg	234	13.5	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.87	0.242	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.936	0.265	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Sodium, Total	116	J	mg/kg	187	2.95	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.87	0.295	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Vanadium, Total	32.7		mg/kg	0.936	0.190	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV
Zinc, Total	88.9		mg/kg	4.68	0.274	2	01/21/21 00:29	01/25/21 20:54	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7040		mg/kg	8.97	2.42	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.48	0.341	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Arsenic, Total	4.64		mg/kg	0.897	0.186	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Barium, Total	69.0		mg/kg	0.897	0.156	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Beryllium, Total	0.260	J	mg/kg	0.448	0.030	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Cadmium, Total	0.654	J	mg/kg	0.897	0.088	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Calcium, Total	2520		mg/kg	8.97	3.14	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Chromium, Total	52.0		mg/kg	0.897	0.086	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Cobalt, Total	16.1		mg/kg	1.79	0.149	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Copper, Total	39.4		mg/kg	0.897	0.231	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Iron, Total	19800		mg/kg	4.48	0.810	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Lead, Total	94.3		mg/kg	4.48	0.240	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Magnesium, Total	7310		mg/kg	8.97	1.38	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Manganese, Total	431		mg/kg	0.897	0.142	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Mercury, Total	0.882		mg/kg	0.078	0.051	1	01/21/21 00:38	01/26/21 15:47	EPA 7471B	1,7471B	VW
Nickel, Total	187		mg/kg	2.24	0.217	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Potassium, Total	765		mg/kg	224	12.9	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.79	0.231	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.897	0.254	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Sodium, Total	74.7	J	mg/kg	179	2.82	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.79	0.282	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Vanadium, Total	23.2		mg/kg	0.897	0.182	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV
Zinc, Total	84.7		mg/kg	4.48	0.263	2	01/21/21 00:29	01/25/21 20:59	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10
Client ID: SB-16 (7-9)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6880		mg/kg	8.98	2.42	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.49	0.341	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Arsenic, Total	4.96		mg/kg	0.898	0.187	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Barium, Total	68.7		mg/kg	0.898	0.156	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Beryllium, Total	0.206	J	mg/kg	0.449	0.030	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Cadmium, Total	0.664	J	mg/kg	0.898	0.088	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Calcium, Total	4030		mg/kg	8.98	3.14	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Chromium, Total	47.1		mg/kg	0.898	0.086	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Cobalt, Total	18.2		mg/kg	1.80	0.149	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Copper, Total	26.0		mg/kg	0.898	0.232	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Iron, Total	21000		mg/kg	4.49	0.811	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Lead, Total	84.2		mg/kg	4.49	0.241	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Magnesium, Total	18400		mg/kg	8.98	1.38	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Manganese, Total	564		mg/kg	0.898	0.143	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Mercury, Total	0.312		mg/kg	0.091	0.059	1	01/21/21 00:38	01/26/21 15:50	EPA 7471B	1,7471B	VW
Nickel, Total	255		mg/kg	2.24	0.217	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Potassium, Total	1000		mg/kg	224	12.9	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.80	0.232	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.898	0.254	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Sodium, Total	117	J	mg/kg	180	2.83	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.80	0.283	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Vanadium, Total	23.9		mg/kg	0.898	0.182	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV
Zinc, Total	73.9		mg/kg	4.49	0.263	2	01/21/21 00:29	01/25/21 21:04	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11
Client ID: SB-17 (0-2)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 10:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7100		mg/kg	8.90	2.40	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.45	0.338	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Arsenic, Total	9.20		mg/kg	0.890	0.185	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Barium, Total	47.0		mg/kg	0.890	0.155	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Beryllium, Total	0.214	J	mg/kg	0.445	0.029	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Cadmium, Total	0.525	J	mg/kg	0.890	0.087	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Calcium, Total	2570		mg/kg	8.90	3.11	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Chromium, Total	22.9		mg/kg	0.890	0.085	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Cobalt, Total	9.82		mg/kg	1.78	0.148	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Copper, Total	28.4		mg/kg	0.890	0.230	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Iron, Total	18000		mg/kg	4.45	0.804	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Lead, Total	34.5		mg/kg	4.45	0.238	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Magnesium, Total	3590		mg/kg	8.90	1.37	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Manganese, Total	315		mg/kg	0.890	0.141	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Mercury, Total	0.056	J	mg/kg	0.080	0.052	1	01/21/21 00:38	01/26/21 15:54	EPA 7471B	1,7471B	VW
Nickel, Total	54.1		mg/kg	2.22	0.215	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Potassium, Total	713		mg/kg	222	12.8	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.78	0.230	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.890	0.252	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Sodium, Total	88.0	J	mg/kg	178	2.80	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.78	0.280	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Vanadium, Total	24.2		mg/kg	0.890	0.181	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV
Zinc, Total	46.2		mg/kg	4.45	0.261	2	01/21/21 00:29	01/25/21 21:08	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND
Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5580		mg/kg	8.81	2.38	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Antimony, Total	0.740	J	mg/kg	4.41	0.335	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Arsenic, Total	10.3		mg/kg	0.881	0.183	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Barium, Total	63.0		mg/kg	0.881	0.153	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Beryllium, Total	0.167	J	mg/kg	0.441	0.029	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Cadmium, Total	0.643	J	mg/kg	0.881	0.086	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Calcium, Total	7660		mg/kg	8.81	3.08	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Chromium, Total	21.1		mg/kg	0.881	0.085	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Cobalt, Total	7.66		mg/kg	1.76	0.146	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Copper, Total	57.2		mg/kg	0.881	0.227	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Iron, Total	15600		mg/kg	4.41	0.796	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Lead, Total	81.4		mg/kg	4.41	0.236	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Magnesium, Total	5360		mg/kg	8.81	1.36	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Manganese, Total	280		mg/kg	0.881	0.140	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.091	0.059	1	01/21/21 00:38	01/26/21 15:57	EPA 7471B	1,7471B	VW
Nickel, Total	59.3		mg/kg	2.20	0.213	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Potassium, Total	693		mg/kg	220	12.7	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	1.76	0.227	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.881	0.249	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Sodium, Total	92.1	J	mg/kg	176	2.78	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.76	0.278	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Vanadium, Total	21.4		mg/kg	0.881	0.179	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV
Zinc, Total	75.4		mg/kg	4.41	0.258	2	01/21/21 00:29	01/25/21 21:13	EPA 3050B	1,6010D	BV

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1456957-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Arsenic, Total	0.092	J	mg/kg	0.400	0.083	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Chromium, Total	0.112	J	mg/kg	0.400	0.038	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Copper, Total	ND		mg/kg	0.400	0.103	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Iron, Total	0.636	J	mg/kg	2.00	0.361	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Potassium, Total	ND		mg/kg	100	5.76	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Sodium, Total	ND		mg/kg	80.0	1.26	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/21/21 00:29	01/25/21 19:49	1,6010D	BV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1456958-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/21/21 00:38	01/26/21 14:51	1,7471B	VW

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2102822
Report Date: 02/01/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1456957-2 SRM Lot Number: D109-540								
Aluminum, Total	75		-		50-150	-		
Antimony, Total	134		-		19-250	-		
Arsenic, Total	109		-		70-130	-		
Barium, Total	102		-		75-125	-		
Beryllium, Total	104		-		75-125	-		
Cadmium, Total	104		-		75-125	-		
Calcium, Total	96		-		73-128	-		
Chromium, Total	102		-		70-130	-		
Cobalt, Total	103		-		75-125	-		
Copper, Total	106		-		75-125	-		
Iron, Total	104		-		35-165	-		
Lead, Total	102		-		72-128	-		
Magnesium, Total	88		-		62-138	-		
Manganese, Total	104		-		74-126	-		
Nickel, Total	103		-		70-130	-		
Potassium, Total	89		-		59-141	-		
Selenium, Total	106		-		68-132	-		
Silver, Total	105		-		68-131	-		
Sodium, Total	101		-		35-165	-		
Thallium, Total	104		-		68-131	-		
Vanadium, Total	102		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1456957-2 SRM Lot Number: D109-540					
Zinc, Total	103	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1456958-2 SRM Lot Number: D109-540					
Mercury, Total	106	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1456957-3 QC Sample: L2101804-01 Client ID: MS Sample												
Aluminum, Total	12600	170	11700	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	42.5	23.3	**55**	Q	-	-		75-125	-		20
Arsenic, Total	2.83	10.2	10.2	**72**	Q	-	-		75-125	-		20
Barium, Total	73.2	170	194	**71**	Q	-	-		75-125	-		20
Beryllium, Total	0.273J	4.25	3.33	78		-	-		75-125	-		20
Cadmium, Total	0.723J	4.34	3.77	87		-	-		75-125	-		20
Calcium, Total	2530	850	2630	**12**	Q	-	-		75-125	-		20
Chromium, Total	22.4	17	32.6	**60**	Q	-	-		75-125	-		20
Cobalt, Total	18.5	42.5	43.7	**59**	Q	-	-		75-125	-		20
Copper, Total	33.8	21.2	45.8	**56**	Q	-	-		75-125	-		20
Iron, Total	27000	85	24400	**0**	Q	-	-		75-125	-		20
Lead, Total	10.2	43.4	38.7	**66**	Q	-	-		75-125	-		20
Magnesium, Total	3340	850	3500	**19**	Q	-	-		75-125	-		20
Manganese, Total	465	42.5	474	**21**	Q	-	-		75-125	-		20
Nickel, Total	16.7	42.5	41.8	**59**	Q	-	-		75-125	-		20
Potassium, Total	852	850	1430	**68**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.2	6.60	**65**	Q	-	-		75-125	-		20
Silver, Total	ND	25.5	18.8	**74**	Q	-	-		75-125	-		20
Sodium, Total	1420	850	1990	**67**	Q	-	-		75-125	-		20
Thallium, Total	ND	10.2	5.47	**54**	Q	-	-		75-125	-		20
Vanadium, Total	50.7	42.5	74.4	**56**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1456957-3 QC Sample: L2101804-01 Client ID: MS Sample									
Zinc, Total	49.2	42.5	84.2	82	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1456958-3 QC Sample: L2101804-01 Client ID: MS Sample									
Mercury, Total	ND	0.156	0.174	111	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1456957-4 QC Sample: L2101804-01 Client ID: DUP Sample						
Aluminum, Total	12600	11900	mg/kg	6		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.83	2.88	mg/kg	2		20
Barium, Total	73.2	77.9	mg/kg	6		20
Beryllium, Total	0.273J	0.290J	mg/kg	NC		20
Cadmium, Total	0.723J	0.704J	mg/kg	NC		20
Calcium, Total	2530	1930	mg/kg	**27**	Q	20
Chromium, Total	22.4	21.6	mg/kg	4		20
Cobalt, Total	18.5	17.3	mg/kg	7		20
Copper, Total	33.8	28.9	mg/kg	16		20
Iron, Total	27000	25700	mg/kg	5		20
Lead, Total	10.2	10.5	mg/kg	3		20
Magnesium, Total	3340	3090	mg/kg	8		20
Manganese, Total	465	438	mg/kg	6		20
Nickel, Total	16.7	16.1	mg/kg	4		20
Potassium, Total	852	830	mg/kg	3		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	1420	1360	mg/kg	4		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1456957-4 QC Sample: L2101804-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	50.7	49.1	mg/kg	3	20
Zinc, Total	49.2	55.4	mg/kg	12	20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1456958-4 QC Sample: L2101804-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-01
Client ID: SB-14 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.4		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-02
Client ID: SB-14 (17.5-19.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 07:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-03
Client ID: SB-12 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-04
Client ID: SB-12 (6.5-8.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 08:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-05
Client ID: SB-15 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-06
Client ID: SB-15 (14.5-16.5)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-07
Client ID: SB-11 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 09:40
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-08
Client ID: SB-11 (5-7)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.1		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-09
Client ID: SB-16 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:20
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-10
Client ID: SB-16 (7-9)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:30
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-11
Client ID: SB-17 (0-2)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 10:50
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

SAMPLE RESULTS

Lab ID: L2102822-12
Client ID: SB-17 (9-11)
Sample Location: STATEN ISLAND

Date Collected: 01/19/21 11:00
Date Received: 01/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	01/20/21 13:30	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2102822

Report Date: 02/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1456761-1 QC Sample: L2102822-01 Client ID: SB-14 (0-2)						
Solids, Total	82.4	82.4	%	0		20

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102822-01A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-01B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-01C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-01D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2102822-01E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-01F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2102822-01G	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		HOLD-WETCHEM()
L2102822-01H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2102822-01I	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-01X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-01Y	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-01Z	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-02A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-02B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-02C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-02D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2102822-02E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102822-02F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2102822-02G	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		HOLD-WETCHEM()
L2102822-02H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-02I	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-02X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-02Y	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-02Z	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-03A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-03B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-03C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-03D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2102822-03E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-03F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2102822-03G	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		HOLD-WETCHEM()
L2102822-03H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-03I	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-03X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-03Y	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-03Z	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-04A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-04B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-04C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-04D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102822-04E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-04F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2102822-04G	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		HOLD-WETCHEM()
L2102822-04H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-04I	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-04X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-04Y	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-04Z	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-05A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-05B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-05C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-05D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2102822-05E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-05F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2102822-05G	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		HOLD-WETCHEM()
L2102822-05H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-05I	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-05X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-05Y	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-05Z	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-06A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-06B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-06C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102822-06D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2102822-06E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-06F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2102822-06G	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		HOLD-WETCHEM()
L2102822-06H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-06I	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-06X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-06Y	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-06Z	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-07A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-07B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-07C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-07D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2102822-07E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-07F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2102822-07G	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		HOLD-WETCHEM()
L2102822-07H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-07I	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-07X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-07Y	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-07Z	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-08A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-08B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102822-08C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-08D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2102822-08E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-08F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2102822-08G	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		HOLD-WETCHEM()
L2102822-08H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-08I	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-08X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-08Y	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-08Z	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-09A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-09B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-09C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-09D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2102822-09E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-09F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2102822-09G	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		HOLD-WETCHEM()
L2102822-09H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-09I	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-09X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-09Y	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-09Z	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-10A	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102822-10B	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-10C	5 gram Encore Sampler	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-10D	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		TS(7)
L2102822-10E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-10F	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2102822-10G	Plastic 2oz unpreserved for TS	C	NA		3.4	Y	Absent		HOLD-WETCHEM()
L2102822-10H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-10I	Glass 500ml/16oz unpreserved	C	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-10X	Vial MeOH preserved split	C	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L2102822-10Y	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-10Z	Vial Water preserved split	C	NA		3.4	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-11A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-11B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-11C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-11D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2102822-11E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-11F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2102822-11G	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		HOLD-WETCHEM()
L2102822-11H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-11I	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-11X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-11Y	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-11Z	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2102822-12A	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-12B	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-12C	5 gram Encore Sampler	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-12D	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		TS(7)
L2102822-12E	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		HOLD-WETCHEM()
L2102822-12F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2102822-12G	Plastic 2oz unpreserved for TS	B	NA		3.1	Y	Absent		HOLD-WETCHEM()
L2102822-12H	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-537(28)
L2102822-12I	Glass 500ml/16oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L2102822-12X	Vial MeOH preserved split	B	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2102822-12Y	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-12Z	Vial Water preserved split	B	NA		3.1	Y	Absent	20-JAN-21 06:02	NYTCL-8260HLW(14)
L2102822-13A	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2102822-13B	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2102822
Report Date: 02/01/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102822
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102822
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

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.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2102822
Project Number:	LIBERTY TOWERS	**Report Date:**	02/01/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

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Albany, NY 12205: 14 Walker Way
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Page 1 of 2

Date Rec'd in Lab: 1/20/21

ALPHA Job #: L2102822

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street
Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-environ
Email: acarroll@tenen-environ

Project Information
Project Name: Liberty Towers
Project Location: Staten Island
Project #
(Use Project name as Project #) ☒
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
HOLD (AP) PFAS, 1,4-Dioxane, Cyanide, & tri/hex chromium for ALL SAMPLES

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL Metals	Pest/Herb/PCB	PFAS	1,4-Dioxane	Cyanide	Tri/Hex Chromium	Total Bottle
02822-01	SB-14 (0-2)	1/19/21	7:30	Soil	AP	X	X	X	X					9
-02	SB-14 (17.5-19.5)		7:50			X	X	X	X					
-03	SB-12 (0-2)		8:00			X	X	X	X					
-04	SB-12 (6.5-8.5)		8:40			X	X	X	X					
-05	SB-15 (0-2)		9:00			X	X	X	X					
-06	SB-15 (14.5-16.5)		9:30			X	X	X	X					
-07	SB-11 (0-2)		9:40			X	X	X	X					
-08	SB-11 (5-7)		10:00			X	X	X	X					
-09	SB-16 (0-2)		10:20			X	X	X	X					
-10	SB-16 (7-9)		10:30			X	X	X	X	X	X	X	X	

Container Type	E	A	A	A	P	A	A	A
Preservative	A	A	A	A	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt / Tenen	1/19/21 12:20	[illegible] (AT)	1/19/21 12:20
[illegible] (AT)	1/19/21 1830	[illegible] AL	1/19/21 21:00
[illegible] AL	1/20/21 00:20	[illegible]	1/20/21 00:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 1/20/21

ALPHA Job #: L2102822

Client Information
Client: Tenen Environmental
Address: 121 West 27th Street Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com

Project Information
Project Name: Liberty Towers
Project Location: Staten Island
Project #
(Use Project name as Project #) [X]
Project Manager: A. Carroll
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[X] Same as Client Info
PO #

Regulatory Requirement
[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [X] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
HOLD (HP) PFAS, 1,4-Dioxane, cyanide, + tri/hex chromium for ALL SAMPLES

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	TAL Metals	Pest/Herb/PCB's	PFAS	1,4-Dioxane	Cyanide	Tri/Hex Chromium	Sample Specific Comments	Total Bottles
02822-11	SB-17 (0-2)	1/19/21	10:50	Soil	AP	X	X	X	X	HOLD					9
-12	SB-17 (9-11)	↓	11:00	↓	↓	X	X	X	X						9
-13	Trip Blank			Water		X									2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	P	A	A	A
Preservative	A	A	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
A. Platt / Tenen	1/19/21 12:20	[illegible] (AAL)	1/19/21 12:20
[illegible] (AAL)	1/19/21 1870	[illegible] AAL	1/19/21 21:00
[illegible] AAL	1/20/21 00:20	[illegible]	1/20/21 0020

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2103206
Client:	Tenen Environmental, LLC 121 West 27th Street Suite 702 New York City, NY 10001
ATTN:	Alana Carroll
Phone:	(646) 606-2332
Project Name:	LIBERTY TOWERS
Project Number:	LIBERTY TOWERS
Report Date:	01/27/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2103206-01	SV-7	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:09	01/21/21
L2103206-02	SV-8	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:17	01/21/21
L2103206-03	SV-9	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:51	01/21/21
L2103206-04	SV-10	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:49	01/21/21
L2103206-05	SV-11	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:26	01/21/21
L2103206-06	SV-12	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:30	01/21/21
L2103206-07	SV-13	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:39	01/21/21
L2103206-08	SV-14	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:40	01/21/21
L2103206-09	SV-15	SOIL_VAPOR	STATEN ISLAND	01/21/21 09:41	01/21/21

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2103206
Project Number:	LIBERTY TOWERS	**Report Date:**	01/27/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2103206
Project Number:	LIBERTY TOWERS	**Report Date:**	01/27/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 21, 2021. The canister certification results are provided as an addendum.

L2103206-06: The sample was re-analyzed on dilution in order to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2103206-08: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2103206-09: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 01/27/21

AIR

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-01
Client ID: SV-7
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:09
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 01:00
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.438	0.200	--	2.17	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.30	1.00	--	19.7	2.38	--		1
Trichlorofluoromethane	0.233	0.200	--	1.31	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.365	0.200	--	1.14	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	70.4	0.500	--	208	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-01
Client ID: SV-7
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:09
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.49	0.200	--	8.78	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.80	0.200	--	5.75	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.296	0.200	--	1.02	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.04	0.200	--	4.86	0.934	--		1
Heptane	2.18	0.200	--	8.93	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	31.2	0.200	--	118	0.754	--		1
2-Hexanone	5.00	0.200	--	20.5	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.349	0.200	--	2.37	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	5.42	0.200	--	23.5	0.869	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-01
Client ID: SV-7
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:09
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	17.4	0.400	--	75.6	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	4.61	0.200	--	20.0	0.869	--		1
4-Ethyltoluene	0.941	0.200	--	4.63	0.983	--		1
1,3,5-Trimethylbenzene	0.392	0.200	--	1.93	0.983	--		1
1,2,4-Trimethylbenzene	1.67	0.200	--	8.21	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	93		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-02
Client ID: SV-8
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:17
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 01:39
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.424	0.200	--	2.10	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.15	1.00	--	17.0	2.38	--		1
Trichlorofluoromethane	0.227	0.200	--	1.28	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.257	0.200	--	0.800	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	82.7	0.500	--	244	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-02
Client ID: SV-8
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:17
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.45	0.200	--	8.63	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.77	0.200	--	5.65	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.215	0.200	--	0.740	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.440	0.200	--	2.06	0.934	--		1
Heptane	2.17	0.200	--	8.89	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	30.1	0.200	--	113	0.754	--		1
2-Hexanone	5.76	0.200	--	23.6	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.391	0.200	--	2.65	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	5.46	0.200	--	23.7	0.869	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-02
Client ID: SV-8
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:17
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	18.0	0.400	--	78.2	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	4.89	0.200	--	21.2	0.869	--		1
4-Ethyltoluene	1.11	0.200	--	5.46	0.983	--		1
1,3,5-Trimethylbenzene	0.592	0.200	--	2.91	0.983	--		1
1,2,4-Trimethylbenzene	2.53	0.200	--	12.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-03
Client ID: SV-9
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:51
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 02:18
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.430	0.200	--	2.13	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.57	1.00	--	6.10	2.38	--		1
Trichlorofluoromethane	0.226	0.200	--	1.27	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.748	0.200	--	2.33	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	31.8	0.500	--	93.8	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-03
Client ID: SV-9
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:51
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.207	0.200	--	1.01	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.35	0.200	--	4.76	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.22	0.200	--	3.90	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.767	0.200	--	3.58	0.934	--		1
Heptane	1.53	0.200	--	6.27	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	24.3	0.200	--	91.6	0.754	--		1
2-Hexanone	4.54	0.200	--	18.6	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.279	0.200	--	1.89	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	5.18	0.200	--	22.5	0.869	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-03
Client ID: SV-9
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:51
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	18.4	0.400	--	79.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	5.00	0.200	--	21.7	0.869	--		1
4-Ethyltoluene	1.15	0.200	--	5.65	0.983	--		1
1,3,5-Trimethylbenzene	0.665	0.200	--	3.27	0.983	--		1
1,2,4-Trimethylbenzene	2.81	0.200	--	13.8	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-04
Client ID: SV-10
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:49
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 02:56
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.475	0.200	--	2.35	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.82	1.00	--	9.07	2.38	--		1
Trichlorofluoromethane	0.229	0.200	--	1.29	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	49.6	0.500	--	146	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-04
Client ID: SV-10
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:49
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.745	0.200	--	3.64	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.17	0.200	--	7.65	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.61	0.200	--	5.14	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.349	0.200	--	1.63	0.934	--		1
Heptane	2.08	0.200	--	8.52	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	28.4	0.200	--	107	0.754	--		1
2-Hexanone	5.00	0.200	--	20.5	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.302	0.200	--	2.05	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	5.17	0.200	--	22.5	0.869	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-04
Client ID: SV-10
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:49
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	17.4	0.400	--	75.6	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	4.35	0.200	--	18.9	0.869	--		1
4-Ethyltoluene	0.872	0.200	--	4.29	0.983	--		1
1,3,5-Trimethylbenzene	0.370	0.200	--	1.82	0.983	--		1
1,2,4-Trimethylbenzene	1.67	0.200	--	8.21	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-05
Client ID: SV-11
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:26
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 03:35
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.445	0.200	--	2.20	0.989	--		1
Chloromethane	0.205	0.200	--	0.423	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.49	1.00	--	5.91	2.38	--		1
Trichlorofluoromethane	0.310	0.200	--	1.74	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	22.6	0.500	--	66.7	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-05
Client ID: SV-11
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:26
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.421	0.200	--	2.06	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.822	0.200	--	2.90	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.632	0.200	--	2.02	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.322	0.200	--	1.50	0.934	--		1
Heptane	0.758	0.200	--	3.11	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	9.43	0.200	--	35.5	0.754	--		1
2-Hexanone	0.945	0.200	--	3.87	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.17	0.200	--	5.08	0.869	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-05
Client ID: SV-11
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:26
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.72	0.400	--	16.2	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.888	0.200	--	3.86	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.355	0.200	--	1.75	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	91		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-06
Client ID: SV-12
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:30
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 04:14
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.53	0.200	--	7.57	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.00	5.00	--	13.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	10.3	1.00	--	24.5	2.38	--		1
Trichlorofluoromethane	1.97	0.200	--	11.1	1.12	--		1
Isopropanol	0.514	0.500	--	1.26	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.376	0.200	--	1.17	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	110	0.500	--	324	1.47	--	E	1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-06
Client ID: SV-12
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:30
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.736	0.200	--	3.59	0.977	--		1
Tetrahydrofuran	0.671	0.500	--	1.98	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	6.34	0.200	--	22.3	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	4.30	0.200	--	13.7	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.664	0.200	--	2.29	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.24	0.200	--	5.79	0.934	--		1
Heptane	5.94	0.200	--	24.3	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	56.6	0.200	--	213	0.754	--		1
2-Hexanone	10.7	0.200	--	43.9	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.441	0.200	--	2.99	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	7.31	0.200	--	31.8	0.869	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-06
Client ID: SV-12
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:30
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	22.2	0.400	--	96.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	5.82	0.200	--	25.3	0.869	--		1
4-Ethyltoluene	1.07	0.200	--	5.26	0.983	--		1
1,3,5-Trimethylbenzene	0.559	0.200	--	2.75	0.983	--		1
1,2,4-Trimethylbenzene	2.31	0.200	--	11.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-06 D
Client ID: SV-12
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:30
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 06:43
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Butanone	110	1.00	--	324	2.95	--		2

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-07
Client ID: SV-13
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:39
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 04:53
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.53	0.200	--	7.57	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.71	1.00	--	18.3	2.38	--		1
Trichlorofluoromethane	3.98	0.200	--	22.4	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.353	0.200	--	1.10	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	92.8	0.500	--	274	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-07
Client ID: SV-13
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:39
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.660	0.200	--	3.22	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.80	0.200	--	13.4	0.705	--		1
1,1,1-Trichloroethane	0.238	0.200	--	1.30	1.09	--		1
Benzene	3.19	0.200	--	10.2	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.385	0.200	--	1.33	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.736	0.200	--	3.44	0.934	--		1
Heptane	4.54	0.200	--	18.6	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	48.4	0.200	--	182	0.754	--		1
2-Hexanone	9.22	0.200	--	37.8	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.393	0.200	--	2.67	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	6.96	0.200	--	30.2	0.869	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-07
Client ID: SV-13
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:39
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	21.6	0.400	--	93.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	5.76	0.200	--	25.0	0.869	--		1
4-Ethyltoluene	1.25	0.200	--	6.15	0.983	--		1
1,3,5-Trimethylbenzene	0.707	0.200	--	3.48	0.983	--		1
1,2,4-Trimethylbenzene	2.93	0.200	--	14.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-08 D
Client ID: SV-14
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:40
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 05:29
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.776	0.667	--	3.84	3.30	--		3.333
Chloromethane	ND	0.667	--	ND	1.38	--		3.333
Freon-114	ND	0.667	--	ND	4.66	--		3.333
Vinyl chloride	ND	0.667	--	ND	1.71	--		3.333
1,3-Butadiene	0.820	0.667	--	1.81	1.48	--		3.333
Bromomethane	ND	0.667	--	ND	2.59	--		3.333
Chloroethane	ND	0.667	--	ND	1.76	--		3.333
Ethanol	ND	16.7	--	ND	31.5	--		3.333
Vinyl bromide	ND	0.667	--	ND	2.92	--		3.333
Acetone	ND	3.33	--	ND	7.91	--		3.333
Trichlorofluoromethane	3.37	0.667	--	18.9	3.75	--		3.333
Isopropanol	ND	1.67	--	ND	4.10	--		3.333
1,1-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
Tertiary butyl Alcohol	ND	1.67	--	ND	5.06	--		3.333
Methylene chloride	ND	1.67	--	ND	5.80	--		3.333
3-Chloropropene	ND	0.667	--	ND	2.09	--		3.333
Carbon disulfide	0.806	0.667	--	2.51	2.08	--		3.333
Freon-113	ND	0.667	--	ND	5.11	--		3.333
trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
1,1-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
Methyl tert butyl ether	ND	0.667	--	ND	2.40	--		3.333
2-Butanone	19.2	1.67	--	56.6	4.93	--		3.333
cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-08 D
Client ID: SV-14
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:40
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.67	--	ND	6.02	--		3.333
Chloroform	ND	0.667	--	ND	3.26	--		3.333
Tetrahydrofuran	ND	1.67	--	ND	4.93	--		3.333
1,2-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
n-Hexane	4.38	0.667	--	15.4	2.35	--		3.333
1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Benzene	6.66	0.667	--	21.3	2.13	--		3.333
Carbon tetrachloride	ND	0.667	--	ND	4.20	--		3.333
Cyclohexane	0.946	0.667	--	3.26	2.30	--		3.333
1,2-Dichloropropane	ND	0.667	--	ND	3.08	--		3.333
Bromodichloromethane	ND	0.667	--	ND	4.47	--		3.333
1,4-Dioxane	ND	0.667	--	ND	2.40	--		3.333
Trichloroethene	ND	0.667	--	ND	3.58	--		3.333
2,2,4-Trimethylpentane	7.65	0.667	--	35.7	3.12	--		3.333
Heptane	14.2	0.667	--	58.2	2.73	--		3.333
cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
4-Methyl-2-pentanone	ND	1.67	--	ND	6.84	--		3.333
trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Toluene	238	0.667	--	897	2.51	--		3.333
2-Hexanone	ND	0.667	--	ND	2.73	--		3.333
Dibromochloromethane	ND	0.667	--	ND	5.68	--		3.333
1,2-Dibromoethane	ND	0.667	--	ND	5.13	--		3.333
Tetrachloroethene	ND	0.667	--	ND	4.52	--		3.333
Chlorobenzene	ND	0.667	--	ND	3.07	--		3.333
Ethylbenzene	46.8	0.667	--	203	2.90	--		3.333

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-08 D
Client ID: SV-14
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:40
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	146	1.33	--	634	5.78	--		3.333
Bromoform	ND	0.667	--	ND	6.90	--		3.333
Styrene	ND	0.667	--	ND	2.84	--		3.333
1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--		3.333
o-Xylene	40.4	0.667	--	175	2.90	--		3.333
4-Ethyltoluene	11.5	0.667	--	56.5	3.28	--		3.333
1,3,5-Trimethylbenzene	5.32	0.667	--	26.2	3.28	--		3.333
1,2,4-Trimethylbenzene	19.7	0.667	--	96.8	3.28	--		3.333
Benzyl chloride	ND	0.667	--	ND	3.45	--		3.333
1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--		3.333
Hexachlorobutadiene	ND	0.667	--	ND	7.11	--		3.333

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-09 D
Client ID: SV-15
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:41
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/21 06:06
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.500	--	ND	2.47	--		2.5
Chloromethane	ND	0.500	--	ND	1.03	--		2.5
Freon-114	ND	0.500	--	ND	3.49	--		2.5
Vinyl chloride	ND	0.500	--	ND	1.28	--		2.5
1,3-Butadiene	ND	0.500	--	ND	1.11	--		2.5
Bromomethane	ND	0.500	--	ND	1.94	--		2.5
Chloroethane	ND	0.500	--	ND	1.32	--		2.5
Ethanol	ND	12.5	--	ND	23.6	--		2.5
Vinyl bromide	ND	0.500	--	ND	2.19	--		2.5
Acetone	2.59	2.50	--	6.15	5.94	--		2.5
Trichlorofluoromethane	ND	0.500	--	ND	2.81	--		2.5
Isopropanol	ND	1.25	--	ND	3.07	--		2.5
1,1-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
Tertiary butyl Alcohol	ND	1.25	--	ND	3.79	--		2.5
Methylene chloride	ND	1.25	--	ND	4.34	--		2.5
3-Chloropropene	ND	0.500	--	ND	1.57	--		2.5
Carbon disulfide	ND	0.500	--	ND	1.56	--		2.5
Freon-113	ND	0.500	--	ND	3.83	--		2.5
trans-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5
1,1-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
Methyl tert butyl ether	ND	0.500	--	ND	1.80	--		2.5
2-Butanone	30.3	1.25	--	89.4	3.69	--		2.5
cis-1,2-Dichloroethene	ND	0.500	--	ND	1.98	--		2.5

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-09 D
Client ID: SV-15
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:41
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	1.25	--	ND	4.50	--		2.5
Chloroform	ND	0.500	--	ND	2.44	--		2.5
Tetrahydrofuran	ND	1.25	--	ND	3.69	--		2.5
1,2-Dichloroethane	ND	0.500	--	ND	2.02	--		2.5
n-Hexane	2.16	0.500	--	7.61	1.76	--		2.5
1,1,1-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Benzene	4.01	0.500	--	12.8	1.60	--		2.5
Carbon tetrachloride	ND	0.500	--	ND	3.15	--		2.5
Cyclohexane	ND	0.500	--	ND	1.72	--		2.5
1,2-Dichloropropane	ND	0.500	--	ND	2.31	--		2.5
Bromodichloromethane	ND	0.500	--	ND	3.35	--		2.5
1,4-Dioxane	ND	0.500	--	ND	1.80	--		2.5
Trichloroethene	ND	0.500	--	ND	2.69	--		2.5
2,2,4-Trimethylpentane	2.75	0.500	--	12.8	2.34	--		2.5
Heptane	7.08	0.500	--	29.0	2.05	--		2.5
cis-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
4-Methyl-2-pentanone	ND	1.25	--	ND	5.12	--		2.5
trans-1,3-Dichloropropene	ND	0.500	--	ND	2.27	--		2.5
1,1,2-Trichloroethane	ND	0.500	--	ND	2.73	--		2.5
Toluene	158	0.500	--	595	1.88	--		2.5
2-Hexanone	ND	0.500	--	ND	2.05	--		2.5
Dibromochloromethane	ND	0.500	--	ND	4.26	--		2.5
1,2-Dibromoethane	ND	0.500	--	ND	3.84	--		2.5
Tetrachloroethene	ND	0.500	--	ND	3.39	--		2.5
Chlorobenzene	ND	0.500	--	ND	2.30	--		2.5
Ethylbenzene	37.6	0.500	--	163	2.17	--		2.5

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

SAMPLE RESULTS

Lab ID: L2103206-09 D
Client ID: SV-15
Sample Location: STATEN ISLAND

Date Collected: 01/21/21 09:41
Date Received: 01/21/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	126	1.00	--	547	4.34	--		2.5
Bromoform	ND	0.500	--	ND	5.17	--		2.5
Styrene	ND	0.500	--	ND	2.13	--		2.5
1,1,2,2-Tetrachloroethane	ND	0.500	--	ND	3.43	--		2.5
o-Xylene	34.6	0.500	--	150	2.17	--		2.5
4-Ethyltoluene	12.2	0.500	--	60.0	2.46	--		2.5
1,3,5-Trimethylbenzene	5.09	0.500	--	25.0	2.46	--		2.5
1,2,4-Trimethylbenzene	20.0	0.500	--	98.3	2.46	--		2.5
Benzyl chloride	ND	0.500	--	ND	2.59	--		2.5
1,3-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,4-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2-Dichlorobenzene	ND	0.500	--	ND	3.01	--		2.5
1,2,4-Trichlorobenzene	ND	0.500	--	ND	3.71	--		2.5
Hexachlorobutadiene	ND	0.500	--	ND	5.33	--		2.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/26/21 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-09 Batch: WG1458850-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/26/21 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-09 Batch: WG1458850-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS
Lab Number: L2103206
Report Date: 01/27/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/26/21 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-09 Batch: WG1458850-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2103206

Report Date: 01/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1458850-3								
Dichlorodifluoromethane	94		-		70-130	-		
Chloromethane	76		-		70-130	-		
Freon-114	84		-		70-130	-		
Vinyl chloride	76		-		70-130	-		
1,3-Butadiene	79		-		70-130	-		
Bromomethane	78		-		70-130	-		
Chloroethane	81		-		70-130	-		
Ethanol	69		-		40-160	-		
Vinyl bromide	86		-		70-130	-		
Acetone	79		-		40-160	-		
Trichlorofluoromethane	112		-		70-130	-		
Isopropanol	77		-		40-160	-		
1,1-Dichloroethene	99		-		70-130	-		
Tertiary butyl Alcohol	88		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	98		-		70-130	-		
Carbon disulfide	91		-		70-130	-		
Freon-113	107		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	100		-		70-130	-		
Methyl tert butyl ether	104		-		70-130	-		
2-Butanone	97		-		70-130	-		
cis-1,2-Dichloroethene	98		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1458850-3								
Ethyl Acetate	91		-		70-130	-		
Chloroform	104		-		70-130	-		
Tetrahydrofuran	95		-		70-130	-		
1,2-Dichloroethane	112		-		70-130	-		
n-Hexane	89		-		70-130	-		
1,1,1-Trichloroethane	111		-		70-130	-		
Benzene	92		-		70-130	-		
Carbon tetrachloride	116		-		70-130	-		
Cyclohexane	91		-		70-130	-		
1,2-Dichloropropane	96		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	96		-		70-130	-		
Heptane	96		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	100		-		70-130	-		
trans-1,3-Dichloropropene	92		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	87		-		70-130	-		
2-Hexanone	98		-		70-130	-		
Dibromochloromethane	105		-		70-130	-		
1,2-Dibromoethane	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-09 Batch: WG1458850-3								
Tetrachloroethene	99		-		70-130	-		
Chlorobenzene	96		-		70-130	-		
Ethylbenzene	95		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	108		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	99		-		70-130	-		
o-Xylene	101		-		70-130	-		
4-Ethyltoluene	102		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	106		-		70-130	-		
Benzyl chloride	107		-		70-130	-		
1,3-Dichlorobenzene	109		-		70-130	-		
1,4-Dichlorobenzene	107		-		70-130	-		
1,2-Dichlorobenzene	108		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Hexachlorobutadiene	113		-		70-130	-		

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2103206

Report Date: 01/27/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2103206-01	SV-7	0856	SV20	01/21/21	340771		-	-	-	Pass	18.6	18.2	2
L2103206-01	SV-7	2739	2.7L Can	01/21/21	340771	L2101412-01	Pass	-29.2	-4.3	-	-	-	-
L2103206-02	SV-8	01261	SV20	01/21/21	340771		-	-	-	Pass	18.5	18.1	2
L2103206-02	SV-8	2878	2.7L Can	01/21/21	340771	L2101412-01	Pass	-29.2	-4.3	-	-	-	-
L2103206-03	SV-9	01245	SV20	01/21/21	340771		-	-	-	Pass	19.0	18.5	3
L2103206-03	SV-9	111	2.7L Can	01/21/21	340771	L2056948-06	Pass	-29.2	-3.8	-	-	-	-
L2103206-04	SV-10	01263	SV20	01/21/21	340771		-	-	-	Pass	18.9	18.5	2
L2103206-04	SV-10	2243	2.7L Can	01/21/21	340771	L2101412-01	Pass	-29.2	-3.6	-	-	-	-
L2103206-05	SV-11	01335	SV20	01/21/21	340771		-	-	-	Pass	18.7	18.3	2
L2103206-05	SV-11	2990	2.7L Can	01/21/21	340771	L2101412-01	Pass	-29.2	-3.8	-	-	-	-
L2103206-06	SV-12	0515	SV20	01/21/21	340771		-	-	-	Pass	18.7	18.1	3
L2103206-06	SV-12	2250	2.7L Can	01/21/21	340771	L2101412-01	Pass	-29.2	-3.9	-	-	-	-
L2103206-07	SV-13	01144	SV20	01/21/21	340771		-	-	-	Pass	18.7	18.4	2
L2103206-07	SV-13	2344	2.7L Can	01/21/21	340771	L2101412-01	Pass	-29.2	-3.4	-	-	-	-
L2103206-08	SV-14	0507	SV20	01/21/21	340771		-	-	-	Pass	18.4	18.3	1

Project Name: LIBERTY TOWERS

Project Number: LIBERTY TOWERS

Lab Number: L2103206

Report Date: 01/27/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2103206-08	SV-14	2871	2.7L Can	01/21/21	340771	L2101412-01	Pass	-29.2	-4.6	-	-	-	-
L2103206-09	SV-15	01340	SV20	01/21/21	340771		-	-	-	Pass	18.1	18.2	1
L2103206-09	SV-15	2219	2.7L Can	01/21/21	340771	L2056948-06	Pass	-29.2	-3.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2056948
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2056948-06
Client ID: CAN 2303 SHELF 4
Sample Location:

Date Collected: 12/21/20 09:00
Date Received: 12/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/21/20 21:27
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2056948
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2056948-06
Client ID: CAN 2303 SHELF 4
Sample Location:

Date Collected: 12/21/20 09:00
Date Received: 12/21/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2056948
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2056948-06
Client ID: CAN 2303 SHELF 4
Sample Location:

Date Collected: 12/21/20 09:00
Date Received: 12/21/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2056948
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2056948-06
Client ID: CAN 2303 SHELF 4
Sample Location:

Date Collected: 12/21/20 09:00
Date Received: 12/21/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2056948
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2056948-06
Client ID: CAN 2303 SHELF 4
Sample Location:

Date Collected: 12/21/20 09:00
Date Received: 12/21/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2056948
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2056948-06
Client ID: CAN 2303 SHELF 4
Sample Location:

Date Collected: 12/21/20 09:00
Date Received: 12/21/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/21/20 21:27
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2056948
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2056948-06
Client ID: CAN 2303 SHELF 4
Sample Location:

Date Collected: 12/21/20 09:00
Date Received: 12/21/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2056948
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2056948-06
Client ID: CAN 2303 SHELF 4
Sample Location:

Date Collected: 12/21/20 09:00
Date Received: 12/21/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2101412
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2101412-01
Client ID: CAN 1728 SHELF 16
Sample Location:

Date Collected: 01/11/21 16:00
Date Received: 01/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/15/21 16:58
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2101412
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2101412-01
Client ID: CAN 1728 SHELF 16
Sample Location:

Date Collected: 01/11/21 16:00
Date Received: 01/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2101412
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2101412-01
Client ID: CAN 1728 SHELF 16
Sample Location:

Date Collected: 01/11/21 16:00
Date Received: 01/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2101412
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2101412-01
Client ID: CAN 1728 SHELF 16
Sample Location:

Date Collected: 01/11/21 16:00
Date Received: 01/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2101412
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2101412-01
Client ID: CAN 1728 SHELF 16
Sample Location:

Date Collected: 01/11/21 16:00
Date Received: 01/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2101412
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2101412-01
Client ID: CAN 1728 SHELF 16
Sample Location:

Date Collected: 01/11/21 16:00
Date Received: 01/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/15/21 16:58
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2101412
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2101412-01
Client ID: CAN 1728 SHELF 16
Sample Location:

Date Collected: 01/11/21 16:00
Date Received: 01/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2101412
Report Date: 01/27/21

Air Canister Certification Results

Lab ID: L2101412-01
Client ID: CAN 1728 SHELF 16
Sample Location:

Date Collected: 01/11/21 16:00
Date Received: 01/12/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	94		60-140

Project Name: LIBERTY TOWERS
Project Number: LIBERTY TOWERS

Lab Number: L2103206
Report Date: 01/27/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2103206-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2103206-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2103206-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2103206-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2103206-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2103206-06A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2103206-07A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2103206-08A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2103206-09A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2103206
Project Number:	LIBERTY TOWERS	**Report Date:**	01/27/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2103206
Project Number:	LIBERTY TOWERS	**Report Date:**	01/27/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

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.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2103206
Project Number:	LIBERTY TOWERS	**Report Date:**	01/27/21

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

Project Name:	LIBERTY TOWERS	**Lab Number:**	L2103206
Project Number:	LIBERTY TOWERS	**Report Date:**	01/27/21

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 11/22/21

ALPHA Job #: L2103206

Client Information

Client: Tenen Environmental
Address: 121 west 27th Street Suite 702, NY, NY 10001
Phone: 646-606-2332
Fax: aplatt@tenen-env.com
Email: acarroll@tenen-env.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Liberty Towers
Project Location: Staten Island
Project #: Liberty Towers
Project Manager: A. Carroll
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: Cat B deliverables
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Cat B deliverables

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
03206-01	SV-7	11/21/21	7:11	9:09	-30.58	-7.43	SV	AP	2.7	2739	0856	X					PID = 11.7 ppm
02	SV-8		7:16	9:17	-30.66	-7.26				2878	01261	X					PID = 13.1 ppm
03	SV-9		7:53	9:51	-30.65	-6.12				111	01245	X					PID = 1.1 ppm
04	SV-10		7:49	9:49	-30.45	-6.34				2243	01263	X					PID = 5.5 ppm
05	SV-11		7:26	9:26	-30.58	-7.03				2990	01335	X					PID = 0 ppm
06	SV-12		7:31	9:30	-30.60	-6.93				2250	0515	X					PID = 7.7 ppm
07	SV-13		7:38	9:39	-30.72	-6.64				2344	01444	X					PID = 5.5 ppm
08	SV-14		7:41	9:40	-30.76	-7.93				2871	0507	X					PID = 4.7 ppm
09	SV-15		7:43	9:41	-30.36	-6.67				2219	01340	X					PID = 5.8 ppm

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: Summa

Relinquished By:	Date/Time	Received By:	Date/Time:
A. Platt / Tenen	11/21/21 10:25		11/21/21 10:25
	01/21/21 12:32		11/22/21 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

Appendix 2
Soil Boring Logs

TENEN ENVIRONMENTAL

		Boring No.	**SB-8**
		Sheet	**1 of 1**
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/18/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	47"	SB-8 (0-2)	0'-5' - FILL, reddish brown to brown, fine clayey SAND, trace gravel and concrete, medium dense, moist
2				
3	0.0			
4				
5	0.0			
6	0.0	50"		5'-8.5' - FILL, reddish brown to brown, fine clayey SAND, trace gravel and concrete, medium dense, moist
7			SB-8 (6.5-8.5)	
8	0.0			
9				8.5'-10' - Weathered Bedrock
10	0.0			
11	0.0	60"		10'-15' - Weathered Bedrock
12				
13	0.0			
14				
15	0.0			
16	0.0	12"		15'-16' - Weathered Bedrock **Bedrock Refusal @ 16 ft-bg, End of Boring**
17				
18				
19				
20				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	**SB-8W**		
Sheet	**1 of 1**		
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/18/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	46"		0'-4.83' - FILL, reddish brown to green, fine clayey SAND, trace gravel and concrete, medium dense, moist
2				
3	0.0			
4				
5	0.0			4.83'-5' - Weathered Bedrock
6	0.0	34"		5'-10' - Weathered Bedrock
7				
8	0.0			
9				
10	0.0			
11	0.0	24"		10'-12' - Weathered Bedrock
12				
13	0.0			**Bedrock Refusal @ 12 ft-bg, End of Boring**
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	**SB-9**		
Sheet	**1 of 1**		
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/18/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	48"	SB-9 (0-2)	0'-5' - FILL, brown to orange, fine to medium poorly graded SAND with clay, trace gravel and concrete, medium dense, moist
2				
3	0.0			
4				
5	0.0			
6	0.0	48"		5'-8.5' - FILL, brown to orange, fine to medium poorly graded SAND with clay, trace gravel and concrete, medium dense, moist
7			SB-9 (6.5-8.5)	
8	0.0			
9				8.5'-10' - Weathered Bedrock
10	0.0			
11	0.0	42"		10'-13.5' - Weathered Bedrock
12				
13	0.0			**Bedrock Refusal @ 13.5 ft-bg, End of Boring**
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	**SB-10**		
Sheet	**1 of 1**		
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/18/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	37"	SB-10 (0-2)	0'-5' - FILL, brown to red, fine to medium silty SAND to clayey SAND, trace gravel, brick, concrete, glass, and wood, medium dense, moist
2				
3	0.0			
4				
5	0.0			
6	0.0	33"		5'-6.5' - FILL, brown to red, fine to medium silty SAND to clayey SAND, trace gravel, brick, concrete, glass, and wood, medium dense, moist
7				6.5'-9' - Orange brown, fine to medium poorly graded SAND, medium dense, moist
8	0.0		SB-10 (7-9)	
9				
10	0.0			9'-10' - Weathered Bedrock
11	0.0	12"		10'-13.5' - Weathered Bedrock
12				
13	0.0			**Bedrock Refusal @ 13.5 ft-bg, End of Boring**
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-11**
		Sheet	**1 of 1**
Site:	**River North**	**Drilling Method:**	Hand Auger
Date:	**1/19/2021**	**Soil Sampling Method:**	Hand Auger
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	60"	SB-11 (0-2)	0'-5' - FILL, brown, fine to medium silty SAND, trace gravel and brick, medium dense, moist
2				
3	0.0			
4				
5	0.0			
6	0.3	60"	SB-11 (5-7)	5'-7' - Brown, fine clayey SAND, trace gravel, medium dense, moist
7				
8	0.0			**Weathered Rock @ 7 ft-bg, End of Boring**
9				
10				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	**SB-12**		
Sheet	**1 of 1**		
Site:	**River North**	**Drilling Method:**	Hand Auger
Date:	**1/19/2021**	**Soil Sampling Method:**	Hand Auger
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	60"	SB-12 (0-2)	0'-3' - FILL, dark brown, fine to medium silty SAND, trace gravel and brick, medium dense, moist
2				
3	0.0			3'-5' - Light brown, fine silty SAND, medium dense, moist
4				
5	0.0			
6	0.0	60"		5'-8' - Brown, fine sandy SILT, soft, moist
7			SB-12 (6.5-8.5)	
8	0.0			8'-8.5' - Brown, fine to medium poorly graded SAND, medium dense, moist
9				**Weathered Rock @ 8.5 ft-bg, End of Boring**
10				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-13**
		Sheet	**1 of 1**
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/18/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.1	48"	SB-13 (0-2)	0'-5' - FILL, brown to black, fine to medium silty SAND, trace gravel, concrete, brick, and wood, medium dense, moist
2				
3	0.0			
4				
5	0.0			
6	0.0	38"		5'-10' - FILL, brown to black, fine to medium silty SAND, trace gravel, concrete, brick, and wood, medium dense, moist
7				
8	0.0			
9				
10	0.0			
11	0.0	60"		10'-15' - FILL, brown to black, fine to medium silty SAND, trace gravel, concrete, brick, and wood, medium dense, moist, clayey at bottom
12				
13	0.0			
14				
15	0.0			
16	0.0	44"		15'-19.5' - Brown to reddish brown, fine to coarse poorly graded SAND, trace gravel throughout, clayey bottom foot
17				
18	0.0		SB-13 (17.5-19.5)	
19				
20	0.0			19.5'-20' - Weathered Bedrock
21	0.0	60"		20'-25' - Weathered Bedrock
22				
23	0.0			
24				
25	0.0			
26	0.0	16"		25'-30' - Weathered Bedrock
27				
28	0.0			**End of Boring @ 30 ft-bg**
29				
30	0.0			

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-14**
		Sheet	**1 of 1**
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/19/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	53"	SB-14 (0-2)	0'-4' - FILL, brown to black, fine to medium poorly graded SAND with clay, gravel, brick, and glass, medium dense, moist
2				
3	0.0			
4				
5	0.0			4'-5' - Brown, fine sandy SILT, soft, moist
6	0.0	50"		5'-8.5' - Brown, fine sandy SILT, soft, moist
7				
8	0.0			
9				8.5'-10' - Tan to brown, fine poorly graded SAND, dense, moist
10	0.0			
11	0.0	46"		10'-15' - Tan to brown, fine poorly graded SAND, dense, moist
12				
13	0.0			
14				
15	0.0			
16	0.0	60"		15'-17.167' - Tan to brown, fine poorly graded SAND, dense, moist
17				
18	0.0		SB-14 (17.5-19.5)	17.167'-19.5' - Reddish brown, fine CLAY, some sand, firm, moist
19				
20	0.0			19.5'-20' - Weathered Bedrock **Bedrock Refusal @ 20 ft-bg, End of Boring**

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-15**
		Sheet	**1 of 1**
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/19/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	36"	SB-15 (0-2)	0'-5' - FILL, white to brown, fine to medium silty SAND, with gravel and concrete throughout, medium dense, moist
2				
3	0.0			
4				
5	0.0			
6	0.0	32"		5'-8.5' - FILL, white to brown, fine to medium silty SAND, with gravel and concrete throughout, medium dense, moist
7				
8	0.0			
9				8.5'-10' - Reddish brown, fine sandy SILT, soft, moist
10	0.0			
11	0.0	33"		10'-12.5' - Reddish brown, fine sandy SILT, soft, moist
12				
13	0.0			12.5'-15' - Tan to brown, fine poorly graded SAND, dense, moist
14				
15	0.0		SB-15 (14.5-16.5)	
16	0.0	20"		15'-16.5' - Reddish brown, fine CLAY, some sand, firm, moist
17				16.5'-17' - Weathered Bedrock
18	0.0			
19				**Bedrock Refusal @ 17 ft-bg, End of Boring**
20				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-16**
		Sheet	**1 of 1**
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/19/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	48"	SB-16 (0-2)	0'-5' - FILL, reddish brown, fine to medium poorly graded SAND with clay, gravel, and some concrete, medium dense, moist
2				
3	0.0			
4				
5	0.0			
6	0.0	48"		5'-9' - FILL, reddish brown, fine to medium poorly graded SAND with clay, gravel, and some concrete, medium dense, moist
7				
8	0.0		SB-16 (7-9)	
9				
10	0.0			9'-9.33' - Weathered Bedrock **Bedrock Refusal @ 9.33 ft-bg, End of Boring**

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	**SB-17**		
Sheet	**1 of 1**		
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/19/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	50"	SB-17 (0-2)	0'-5' - FILL, reddish brown, fine to medium clayey SAND, trace gravel, concrete, and brick, medium dense, moist
2				
3	0.0			
4				
5	0.0			
6	0.0	39"		5'-10' - FILL, reddish brown, fine to medium clayey SAND, trace gravel, concrete, and brick, medium dense, moist
7				
8	0.0			
9				
10	0.0		SB-17 (9-11)	
11	0.0	44"		10'-11' - FILL, reddish brown, fine to medium clayey SAND, trace gravel, concrete, and brick, medium dense, moist, turn to sandy CLAY bottom 2"
12				11'-13.5' - Weathered Bedrock
13	0.0			**Bedrock Refusal @ 13.5 ft-bg, End of Boring**
14				
15				

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

Boring No.	**SB-18**		
Sheet	**1 of 1**		
Site:	**River North**	**Drilling Method:**	Geoprobe
Date:	**1/18/2021**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Sunny, 30s**	**DTW:**	N/A
Observer:	**A. Platt**	**Driller :**	AARCO

Depth (feet)	PID Reading (ppm)	Soil Recovery	Soil Samples	Soil Description
1	0.0	36"	SB-18 (0-2)	0'-5' - FILL, brown to red, fine to medium clayey SAND with brick and gravel, some concrete, medium dense, moist
2	0.0			
3				
4	0.0			
5				
6	0.0	49"		5'-7' - FILL, brown to red, fine to medium clayey SAND with brick and gravel, some concrete, medium dense, moist
7				
8	0.0			7'-10' - Reddish brown to orange, fine to medium poorly graded SAND with clay, gravel throughout, medium dense, moist
9				
10	0.0			
11	0.0	60"		10'-15' - Reddish brown to orange, fine to medium poorly graded SAND with clay, gravel throughout, medium dense, moist
12				
13	0.0			
14				
15	0.0			
16	0.0	43"		15'-20' - Reddish brown to orange, fine to medium poorly graded SAND with clay, gravel throughout, medium dense, moist
17				
18	0.0			
19				
20	0.0			
21	0.0	48"	SB-18 (20-22)	20'-22' - Reddish brown to orange, fine to medium poorly graded SAND with clay, gravel throughout, medium dense, moist
22				
23	0.0			22'-25' - Weathered Bedrock
24				
25	0.0			**End of Boring @ 25 ft-bg**

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

Appendix 3
Soil Vapor Logs

TENEN ENVIRONMENTAL

Site:	**River North - Staten Island, NY**
Weather:	**20°F, Sunny**
Date:	**1/21/2021**
Observers:	**A. Platt & H. Lau**

Sample ID	He (ppm)	PID (ppm)	Can ID	Flow ID	Initial Time	Final Time	Initial Pressure (in-Hg)	Final Pressure (in-Hg)
SV-7	0	11.7	2739	0856	7:11	9:09	-30.58	-7.43
SV-8	0	13.1	2878	01261	7:16	9:17	-30.66	-7.26
SV-9	0	1.1	111	01245	7:53	9:51	-30.65	-6.12
SV-10	0	5.5	2243	01263	7:49	9:49	-30.45	-6.34
SV-11	0	0	2990	01335	7:26	9:26	-30.58	-7.03
SV-12	0	7.7	2250	0515	7:31	9:30	-30.60	-6.93
SV-13	0	5.5	2344	01144	7:38	9:39	-30.72	-6.64
SV-14	0	4.7	2871	0507	7:41	9:40	-30.76	-7.93
SV-15	0	5.8	2219	01340	7:43	9:41	-30.36	-6.67

Notes:

ppm: parts per million

in-Hg: inches mercury