



Remedial Investigation Work Plan

Sendero Verde Redevelopment Project –
Parcel B
Block 1617 Lot 20
New York, New York

Revised April 24, 2019

Prepared for:

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1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of the SV-B Owners LLC (referred to herein as the Applicant), has prepared this Remedial Investigation Work Plan (RIWP) for the Sendero Verde Redevelopment Project – Parcel B (Site). The Site is bounded by Park and Madison Avenues and East 111th Street and East 112th Street, occupying Tax Block 1617, Lot 20, in the Borough of the Manhattan, City and State of New York (Figure 1).

The Site is located in the East Harlem section of Manhattan and is currently vacant. Most recent uses of the Site include a baseball field with community gardens on the eastern and southwestern Site perimeters. The community gardens were vacated in February 2018, and several shanty structures and garbage / debris remain in these areas. There are no permanent structures on the Site. The current Site conditions are shown on Figure 2. The Site encompasses an area of approximately 1.36 acres and will be investigated and properly addressed under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The planned redevelopment of the Site includes the construction of Building B-North, which will consist of a 15-story building with a footprint of approximately 21,364 square feet; most of the of the community facility space will be held within Building B-North. Building B-South will consist of a ten-story building with a footprint of approximately 9,960 square feet. The buildings will be interconnected with a raised courtyard, which will be built over the Building B-North community facility space located in the cellar of Building B-North. Upon construction completion, the aforementioned community gardens will be relocated and reincorporated into the project on the southwest and southeast corners of the Site. The proposed redevelopment plan is included as Appendix A.

1.1 BCP Application, Brownfield Cleanup Agreement and Environmental Work Plans

Due to the presence of contaminated soil, groundwater, and soil vapor at the Site, the Applicant plans to remediate the Site under the NYSDEC BCP. SV-B Owners LLC initially submitted a NYSDEC BCP application on November 28, 2018, as a Volunteer and resubmitted the final application on December 19, 2018 to address NYSDEC comments. A Brownfield Cleanup Agreement (BCA) was executed on February 27, 2019 and BCP Site number C231128 has been assigned to the Site as a volunteer. This RIWP was developed in accordance with the DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010 (DER-10).

The purpose of the RI is to determine the nature and extent of contamination at the Site, characterize environmental media, qualitatively assess the potential exposure of receptors to Site contaminants, and develop any other additional data necessary to support the development of a Remedial Action Work Plan (RAWP).

1.2 RIWP Document Organization

This RIWP contains a background section (Section 2) describing the Site, its history, and results of previous environmental investigations; a section defining the objectives and scope of the RI (Section 3); and Sections 4 and 5 describe project operations plans (e.g., Quality Assurance/Quality Control, Health and Safety). Reporting requirements and the project schedule are discussed in Section 6. Figures are provided to illustrate Site conditions and the locations of proposed sampling efforts.

1.3 Project Team and Contact Information

Roux's Principal-In-Charge and Engineer of Record for this Site will be Noelle Clarke, P.E., Principal Engineer. Ms. Clarke, who is based in Roux's Islandia, New York headquarters office and can be reached at (631) 232-2600, will be responsible for the overall implementation of the project. Roux's Project Manager will be Wendy Shen, Senior Engineer, who will be responsible for day-to-day management of the project, including preparation of work plans, scoping, and directing field activities. The Field Manager for the RI is Valerie Sabatasso and will be responsible for implementing and directing field activities on-site. David Kaiser, P.E. of Roux will serve as the Quality Assurance Officer (QAO) for this project. The QAO is responsible for conducting reviews, inspections, and audits to ensure the data collection is conducted in accordance with the Quality Assurance Project Plan/Field Sampling Plan (QAPP/FSP). Judy Harry of Data Validation Services (DVS) will review the analytical data for quality assurance and quality control in accordance with NYSDEC standards and will prepare the Data Usability Summary Report (DUSR). The professional profiles for the project team are provided in appendix A to the QAPP/FSP.

The name and contact information for the SV-B Owners LLC is:

Ms. Jessica Yoon
SV-B Owners LLC
1865 Palmer Avenue, Floor 2
Larchmont, New York 10538

AARCO Environmental Services Corp. has been subcontracted to conduct the drilling and Alpha Analytical has been subcontracted to conduct the laboratory analyses.

1.4 Certification

I, Noelle Clarke, certify that I am currently a Qualified Environmental Professional as defined in 6 New York Code of Rules and Regulations (NYCRR) Part 375 and that this Remedial Investigation Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER-10.

Noelle Clarke, P.E.

Qualified Environmental Professional

April 23, 2019

Date



Signature

2. Background

This section provides pertinent background information, including a description of the Site and its setting, the history of the Site, and the results of previous environmental work conducted at the Site.

2.1 Site Description and Setting

A Site location map is included as Figure 1.

Property Location	
Property Name:	Sendero Verde Redevelopment Project – Parcel B
Property Address:	No physical address is available at this time.
Property Town, County, State:	Neighborhood of East Harlem, New York, New York
Property Tax Identification:	Tax Block 1617, Lot 20
Property Topographic Quadrangle:	USGS – Central Park Quadrangle
Nearest Intersection:	The Site is bounded by Park and Madison Avenues and East 111 th Street and East 112 th Street.
Area Description:	The Site is currently open vacant space. Most recently, the Site was occupied by a baseball field with community gardens surrounding the eastern and southwestern Site perimeter. The Site is located in a mixed-use area of East Harlem, Manhattan, New York. There are multiple high-rise residential buildings to the north; to the west, beyond Lots 21 and 120 and Madison Avenue, is a part five-, part seven-story residential building; to the south are multiple mixed use commercial and residential high-rise buildings; to the east is Park Avenue and the elevated Metro North Railroad Tracks beyond which is a playground belonging to a public school.

Property Information	
Property Acreage:	Approximately 1.36 acres
Property Shape:	Irregular
Property Use:	Tax Lot 20 contains a vacant space that was formerly used as a baseball field with community gardens surrounding the eastern and southwestern Site perimeter.
Improvements:	None currently apart from several shanty structures in the former community garden areas.

Information regarding elevation, regional groundwater flow direction(s), Federal United States Geological Survey (USGS) well information, Federal Reporting Data System (FRDS) Public Water Supply system information, and state database well information was derived from an Environmental Data Resources, Inc. (EDR) GeoCheck® Report that was included as part of the March 2018 Phase I Environmental Site Assessment (ESA) prepared by Roux. As a note, the Roux Phase I ESA was completed before Lot 20 and adjacent Lot 120 were separated into two lots and, therefore, included land that is not part of the proposed BCP Site. The EDR report is included within the Phase I ESA, which is included as Appendix B.

2.1.1 Property Operations

The Site is currently a vacant lot and is currently owned by the City of New York, c/o New York City Housing Preservation and Development, located at 100 Gold Street in New York, New York. The contact for the Site operator is to be determined. The Applicant (SV-B Owners LLC) is conducting the investigation/remediation of the Site as a Volunteer in the BCP.

2.1.2 Utilities

Based on observations made during the Site reconnaissance and the Roux 2018 Phase II ESA, no utilities appear to be in current use at the subject property due to lack of permanent structures.

2.1.3 Topography

The grade at the Site is relatively flat, as shown in the USGS 7.5-Minute Series Topographic Map – Central Park Quadrangle. The elevation of the Site and surrounding area is approximately 18 feet above mean sea level (msl).

2.1.4 Wetland Areas and Surface Water Bodies

According to the EDR report, the Site is not located in, or adjacent to, regulated wetlands. A portion of the Site is located in the 500-year flood zone. The nearest water body is the Harlem River, which is located approximately 0.65 miles to the southeast of the Site.

2.1.5 Soil

Based on data from Roux's Phase II ESA, dated June 2018, the shallow deposits at the Site are typical of fill material found in urban environments and that of which would be found after building demolition. The depth to the bottom of the fill layer extends to between 13 and 15 feet below current grade across the Site. This urban fill material overlies deeper native deposits consisting of mostly medium to coarse sands and gravel with varying amounts of fine sand and clay. Bedrock was not encountered during the Roux Phase II ESA. The Phase II ESA is included as Appendix B.

2.1.6 Underlying Formation

During geotechnical investigations completed by others in 2017 and 2018, the following native strata were observed beneath the urban fill layer:

- Upper sand and silt generally comprised of brown medium to fine sand and silt with varying amounts of gravel with an estimated thickness of 25 feet;
- Varved silt and clay generally comprised of gray-brown varved silt and clay and little to trace amounts of fine sand with an estimated thickness of 40 feet;
- Lower sand and silt generally comprised of gray-brown coarse to fine sand and silt, with varying amounts of gravel with an estimated thickness of 25 feet;
- Soft rock generally comprised of grey coarse to fine grained schist and other multicolored rock that was highly weathered and highly fractured with near vertical fractures and a variable thickness from three to 18 feet; and
- Intermediate to hard sound rock generally comprised of grey coarse to fine grained schist that was moderately fractured and slightly weathered. Depth to bedrock varied across the Site from 80 to more than 120 feet below grade.

2.1.7 Groundwater

Based on data from the 2018 Roux Phase II ESA, the average depth to groundwater ranged from 10 to 13 feet below land surface (bls). A formal groundwater flow direction study has not been conducted at the Site. Groundwater flow direction is likely influenced by subsurface utilities, local dewatering projects, bedrock topography, subway tunnels, and other subsurface features. The direction of groundwater flow in the area of the Site is assumed to be southeast toward the Harlem River.

2.1.8 Neighboring Properties

The Site is located in a highly developed urban area of Manhattan consisting primarily of residential and commercial structures. To the north of the Site, beyond East 112th Street, there are multiple high-rise residential buildings. To the south of the Site, beyond East 111th Street, there are several multiple mixed use commercial and residential high-rise buildings. To the east of the Site, beyond Park Avenue, there are elevated Metro North Railroad Tracks beyond which is a playground belonging to a public school. To the west of the Site, beyond lots 21 and 120 and Madison Avenue, there is a part five, part seven-story residential building.

A review of neighboring properties, public thoroughfares, and research of available information regarding the neighboring properties, was performed to identify areas of offsite environmental concern that could potentially adversely impact the Site. As detailed in the environmental database report, an adjacent property to the north/northwest located within close proximity to the Site operated as a dry-cleaning facility in the past. The immediately adjacent property to the south, operated as an auto service station in the past. As detailed in the City Directory, nearby properties also included dental offices and paint shops. These historical operations may have potentially impacted the quality of the subsurface soil, soil vapor, and/or groundwater beneath the Site through on-Site migration of contaminants.

2.2 Site History

Roux evaluated the following information sources from EDR to determine historic uses of the property. These informational sources are included as appendices in 2018 Roux Phase I ESA, which is included as Appendix B.

- EDR Radius Map with GeoCheck, dated March 15, 2018 - EDR report (included as Appendix B within the Phase I ESA);
- Certified Sanborn Fire Insurance Maps dated 1896, 1911, 1939, 1951, 1968, 1969, 1979, 1980, 1982, 1986, 1989, 1991, 1992, 1993, 1994, 1995, 1996, 2001, 2002, 2003, 2004, and 2005 (included as Appendix D within the Phase I ESA);
- Historical aerial photographs dated 1924, 1941, 1951, 1954, 1961, 1966, 1975, 1984, 1991, 1995, 2006, 2008, 2009, 2010, and 2011 (included as Appendix E within the Phase I ESA);
- United States Geological Survey (USGS) 15 Minute Topographic Maps, Harlem, New York Quadrangle dated 1897, 1898 and 1900; 7.5 Minute Topographic Maps, Central Park, New York Quadrangle dated 1947, 1956, 1966, 1979, 1997, and 2013 (included as Appendix F within the Phase I ESA);
- A search of the City Directory Abstract conducted by EDR (included as Appendix G within the Phase I ESA); and
- Environmental Lien Search (included as Appendix H within the Phase I ESA).

2.2.1 Radius Map

The Site was not identified in any of the searched environmental databases, which appears to be inconsistent with the City Directory, which indicates Continental Cleaners and Tailors (presumably a dry cleaner) was present at 56 East 111th Street in 1968.

Groundwater flow direction is assumed to be southeast toward the Harlem River. Several properties in the surrounding area were identified on the hazardous waste generator, manifest, and spills databases in the EDR report. These listings pertain to utility vaults in the street or on the sidewalk immediately adjacent to the Site. However, due to the containment within the vault or de minimis nature of the spill incidents prohibiting groundwater contamination, these properties are not considered to be an environmental concern in relation to the Site.

The following property is not considered to be a recognized environmental condition (REC) in relation to the Site, but is discussed since it is located immediately adjacent to the Site and was identified in one of the searched databases:

- The property identified as Lot 50, Tax Block 1616, located at 1665 Madison Avenue (immediately adjacent, hydraulically downgradient to the south/southwest, is listed on the E-Designation database. According to information contained within the EDR report, the property has been identified as an E-Designation (E-206) for Air Quality and Window Wall Attenuation & Alternate Ventilation protocol. In order to address the E-Designation, guidelines provided by the New York City Office of Environmental Remediation (NYCOER), the governing agency overseeing New York City's E-Designation program, should be followed.

The following properties are considered to be RECs in relation to the Site, since they are located adjacent to or in very close proximity to the Site, were identified in one or more of the searched databases and the potential exists that they may have impacted the Site:

- The property identified as Madison Cleaners, Inc., located 1716 Madison Avenue (0.07 miles from the Site; hydraulically cross-gradient to the north) is listed on the EDR Historical Cleaners database where the property was listed as operating as a dry cleaner from 1991 through 2014.
- The property identified as Woojin Eastmore Cleaners, located 1325 5th Avenue (0.09 miles from the Site; hydraulically upgradient to the west northwest) is listed on EDR Historical Cleaners database where the property was listed as operating as a dry cleaner from 2011 through 2014.
- The property identified as 84 E 76, located at 84 East 111th Street (0.01 miles from the Site; immediately hydraulically downgradient to the south) is listed on the EDR Historical Auto database where the property was listed as operating as an auto service station from 2002 through 2005.
- The property identified as Eastmore Cleaners, located at 1330 5th Avenue (0.1 miles from the Site; upgradient to the west northwest) is listed on the EDR Historical Cleaners database where the property was listed as potentially operating as a dry cleaner from 2007 through 2013.

2.2.2 City Directories

A city directory abstract (within the Phase I ESA in Appendix B) for the Site (and current Lot 120) was obtained from EDR. Records were reviewed at approximately five-year intervals for the time period of 1920 to 2014. Records reviewed for the time period 1920 to 2014 were sourced from the R.L. Polk & Company, New York Telephone, Manhattan and Bronx Directory Publishing Company Residential Directory, NYNEX Telephone, Cole Information Services, and Hill-Donnelly Information Services.

As indicated by the City Directory, 56 East 112th Street operated as Continental Tailors & Cleaners (assumed to be a dry cleaner) in 1968. Other noted operators/tenants of the Site included White Printer Department, Hyman Furrier, and Jonas Drug Company, Schweitzer Isaac Jennie Shoe Repair, Krals Novelty Shoe Co, and Hirsch Brandel Shoes.

The City Directory Abstract also includes listings for the surrounding properties. Nearby off-Site properties included tailors, dry goods stores, painters, restaurants, a hotel, meat markets, stationaries, dress shops, dental offices, botanical gardens, jewelers, and several residential dwellings.

2.2.3 Aerial Photographs

Historical aerial photography (within the Phase I ESA in Appendix B) may indicate past activities at a property that may not have been documented by other means or observed during a reconnaissance visit. Aerial photographs were obtained from EDR for the years ranging from 1924 to 2011.

According to a review of the historical aerial photographs, the Site appears to be developed since at least 1924 with several Site buildings and corroborates the development as shown in the Certified Sanborn Fire Insurance maps. Demolition of several Site buildings is first shown in the 1975 aerial photograph. The 1984 aerial photograph shows further demolition of Site buildings. The 1991 aerial photograph shows all Site buildings demolished. The general site layout and building structures appear generally consistent with the current Site configuration since 1991.

2.2.4 Certified Sanborn Maps

Certified Sanborn Maps were obtained from EDR for some years ranging from 1896 to 2005 (included within the Phase I in Appendix B). The following is a general summary from Roux's review of the Site (and Lot 120) and surrounding property usage, as determined by the review of the Certified Sanborn Maps.

Date	Description
1896-1951	The Site is divided into 82 parcels. The perimeter of the Site is depicted as developed with multiple three- and five-story buildings; four of the buildings are described as residential. The various stores are described as "Paints," "Chinese Laundry," "Drugs," and "Push Cart Storage." The adjacent properties around the Site are depicted as developed with multiple two, four and five-story buildings.
1968-1980	The majority of the Site buildings have been demolished and appear vacant, with the exception of the buildings located in the westernmost portion and central southern portion of the Site. The neighboring properties to the north are depicted as redeveloped as the New York City Housing Authority Senator Robert A. Taft Houses Apartments. The buildings located in the northeastern and southeastern portion of the Site appear to have been demolished and are vacant.
1982	The majority of the Site buildings appear demolished and vacant with the exception of the buildings located in the westernmost portion of the Site. The adjacent property to the west, beyond Madison Avenue, appears redeveloped with an irregularly-shaped part five-, part seven-story building and is described as "Los Tres Unidos," a residential apartment building containing 135 residential units.
1986-2005	All of the Site buildings have been demolished and the Site appears vacant. The adjacent properties to the east, beyond Park Avenue, are described as "Park and Playground."

2.3 Environmental Conditions/Results of Previous Environmental Investigations

This section provides an overview of previous environmental-related activities completed at the Site, based on a review of readily available information and the following environmental reports (included within the Phase I in Appendix B). The following environmental reports were available for review:

- Phase I ESA, prepared by Roux, dated March 2018.
- Phase II ESA, prepared by Roux, dated June 2018.
- Amendment to the Phase II ESA, prepared by Roux, dated November 13, 2018.

Based on the 2018 Roux Phase II ESA, the Site (soil, groundwater, and soil gas) appears to have been impacted by polycyclic aromatic hydrocarbons (PAHs), metals, and pesticides originating from prior Site operations most likely associated with historic urban fill. The presence of these contaminants must be remediated for the proposed residential/commercial use. As a result, the NYSDEC BCP will be an appropriate program to complete investigation and remediation to ensure the redevelopment is protective of the public health and the environment. As part of the NYSDEC BCP, the Site will undergo additional investigations to delineate the nature and extent of contaminants pursuant to this RIWP.

2.3.1 Geophysical Survey

To identify and locate suspected existing and former USTs and other Site utilities, a geophysical survey was conducted. Beginning on April 11, 2018, Roux's geophysical subcontractor, Naeva Geophysics, Inc., of Congers, New York (Naeva), utilized an electromagnetic metal-detector and ground penetrating radar (GPR) to detect anomalies, collect GPR data profiles, and mark out any detected underground storage tanks (USTs) and other subsurface utilities. Naeva identified one suspected UST and 51 discrete anomalies, which were marked out accordingly. The suspected UST location is shown on Figure 3. Based on the results of the GPR, an additional soil boring was installed near the suspected UST.

2.3.2 Soil

Beginning on April 30, 2018, Roux's drilling subcontractor, Trinity, used a GeoProbe™ direct push drill rig to advance ten (10) soil borings to depths between ten ft bls and 20 ft bls. Soil was field screened for volatile organic compounds (VOCs) using a photoionization detector (PID). All soils were visually inspected for evidence of impacts (e.g., odors, staining, and visible free product), and the lithology was recorded according to the Unified Soils Classification System (USCS). Soil samples were collected continuously in five-foot increments for geologic logging and visual inspection. Groundwater was encountered from 10 to 13 ft bls during this investigation.

The Roux 2018 Phase II ESA indicates the primary contaminants of concern in soil are PAHs, metals, and pesticides. A total of ten (10) soil borings were completed during the Phase II ESA. At each soil boring, one (1) soil sample was collected from the 0-2' ft bls interval at each boring location (shallow sample). An additional soil sample was collected from the two-foot interval that exhibited the highest PID reading or the two-foot interval directly beneath the proposed maximum excavation depth. If the groundwater table interface was encountered before the proposed maximum excavation depth was reached and there were no signs of impacts, the soil sample was collected from the two-foot interval above the groundwater table interface (deep sample).

A total of 20 soil samples were collected and the laboratory analytical results for soil samples were compared to the NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and the NYSDEC Restricted Residential Use Soil Cleanup Objectives (RRSCOs) as presented in NYSDEC Part 375.6. The results of the soil sampling event (exceedances only) are summarized on Plate 1. Results of the laboratory analysis are discussed below:

- No VOCs were detected at a concentration above their respective UUSCOs or RRSCOs.
- One or more semivolatile organic compounds (SVOCs), including benzo(a)anthracene (maximum of 6,000 micrograms per kilogram [$\mu\text{g/kg}$] at SB-5, 0-2 ft bls), benzo(a)pyrene (maximum 6,200 $\mu\text{g/kg}$ at SB-5, 0-2 ft bls), benzo(b)fluoranthene (maximum of 10,000 $\mu\text{g/kg}$ at SB-5, 0-2 ft bls), chrysene (maximum of 7,200 $\mu\text{g/kg}$ at SB-5, 0-2 ft bls), dibenzo(a,h)anthracene (maximum of 1,000 $\mu\text{g/kg}$ at SB-5, 0-2 ft bls) and indeno(1,2,3-c,d)pyrene (maximum of 5,100 $\mu\text{g/kg}$ at SB-5, 0-2 ft bls), were detected at relatively low concentrations slightly above their respective UUSCOs and RRSCOs in shallow samples from six soil borings (SB-1, SB-4, SB-5, SB-6, SB-10 and SB-12) and deep samples from two soil borings (SB-1, SB-4). It should be noted that the UUSCOs and the RRSCOs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and indeno(1,2,3-c,d)pyrene are the same value (1,000 $\mu\text{g/kg}$).
- One or more metals, including arsenic (maximum of 29.5 milligrams per kilogram [mg/kg] at SB-11, 8-10 ft bls), barium (maximum of 564 mg/kg at SB-6, 0-2 ft bls), copper (maximum of 5,060 mg/kg at SB-1, 0-2 ft bls) and lead (maximum of 820 mg/kg at SB-1, 12-14 ft bls), were detected at concentrations above their respective UUSCOs and RRSCOs in shallow samples from nine soil borings (SB-1, SB-4, SB-5, SB-6, SB-7, SB-8, SB-10, SB-11, SB-12)) and in deep samples from three soil borings (SB-1, SB-4 and SB-11). Mercury (maximum of 0.466 mg/kg at SB-4, 0-2 ft bls) exceeded the UUSCO in shallow samples from seven soil borings (SB-1, SB-4, SB-5, SB-6, SB-10, SB-11 and SB-12) and in deep samples from three soil borings (SB-1, SB-4 and SB-11), but not the RRSCO. Zinc (maximum of 777 mg/kg at SB-11, 8-10 ft bls) exceeded the UUSCO in shallow samples from seven soil borings (SB-1, SB-4, SB-5, SB-6, SB-9, SB-10, SB-11, SB-12)) and in deep samples from three soil borings (SB-1, SB-4 and SB-11), but not the RRSCO.
- Total polychlorinated biphenyls (PCBs) (maximum 355 $\mu\text{g/kg}$ at SB-1, 0-2 ft bls [estimated value]) were detected above their respective UUSCOs in shallow samples from three (3) soil borings (SB-1, SB-4, and SB-12) and in the deep sample from one soil boring (SB-1).
- One or more pesticides including DDD (maximum of 35.1 $\mu\text{g/kg}$ at SB-12, 0-2 ft bls), DDE (maximum of 471 $\mu\text{g/kg}$ at SB-11, 8-10 ft bls) and DDT (maximum of 1,670 $\mu\text{g/kg}$ at SB-11, 8-10 ft bls) were detected above their respective UUSCOs in shallow samples from all soil borings and in deep samples from three soil borings (SB-1, SB-4 and SB-11). Cis-chlordane (maximum of 315 $\mu\text{g/kg}$ at SB-11, 8-10 ft bls) was detected above its respective UUSCO in the deep sample from one soil boring (SB-11). DDD (maximum of 35.1 $\mu\text{g/kg}$ at SB-12, 0-2 ft bls) was detected above its respective UUSCO in shallow samples from six soil borings (SB-4, SB-5, SB-6, SB-7, SB-10 and SB-12) and in deep samples from three soil borings (SB-1, SB-4, SB-11). Dieldrin was detected above its respective UUSCO in nine shallow samples (maximum of 315 $\mu\text{g/kg}$ at SB-11, 8-10 ft bls [SB-1, SB-3, SB-4, SB-5, SB-6, SB-7, SB-8, SB-9, SB-10 and SB-11]). Dieldrin was detected above its respective RRSCO in the deep sample from one soil boring (SB-11).

2.3.3 Groundwater

Following installation of soil borings, a total of five (5) soil borings were converted to temporary groundwater monitoring wells. The temporary groundwater monitoring wells were constructed of 1-inch polyvinyl chloride (PVC) well screen and riser (the well screen intersected the top of the observed water table).

Following installation, the newly installed temporary groundwater monitoring wells were gauged with an oil-water interface probe and were sampled utilizing low-flow sampling techniques. Groundwater grab samples

were filtered in the field for metals, SVOCs, pesticides, and PCBs. Following sampling, the temporary groundwater monitoring wells were removed and the boring location was backfilled with soil cuttings to grade.

Laboratory analytical results for groundwater samples were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). The results of the groundwater sampling event (exceedances only) are summarized on Plate 2. Results of the laboratory analysis are discussed below:

- One VOC, chloroform, was detected above its AWQSGV in all samples (maximum concentration of 39 micrograms per liter [$\mu\text{g/L}$]). Though the source of the chloroform exceedances cannot be confirmed, the exceedances may be attributed to any leaking plumbing related to the former on-Site structures, leaking water mains and the watering of the community gardens with potable water that was likely chlorinated.
- In general, SVOC concentrations in the filtered groundwater samples were low to non-detect and were lower in the filtered samples than in the unfiltered samples. This indicates that the SVOCs are primarily due to suspended sediments present in the groundwater samples. Concentrations of all SVOCs in the filtered samples were below their respective AWQSGVs, except Bis(2-ethylhexyl)phthalate, a very common laboratory contaminant. Bis(2-ethylhexyl)phthalate (maximum concentration of 9.4 $\mu\text{g/L}$) was detected above its AWQSGV in one filtered sample (SB-4).
- In general, metals concentrations in the filtered groundwater samples were low to non-detect and were lower than in the unfiltered samples. This indicates that the metals are primarily due to suspended sediments present in the groundwater samples. Concentrations of all metals in the filtered samples were below their respective AWQSGVs, except sodium. Sodium (maximum concentration of 68,300 $\mu\text{g/L}$) was detected above its AWQSGVs in three filtered groundwater grab samples (SB-4, SB-5, and SB-10). Sodium is naturally occurring in groundwater.
- No PCBs were detected in the groundwater.
- In general, pesticide concentrations in the filtered groundwater samples were low to non-detect and were lower in the filtered samples than in the unfiltered samples. This indicates that the pesticides are primarily due to suspended sediments present in the groundwater samples. Concentrations of all pesticides in the filtered samples were below their respective AWQSGVs, except dieldrin. Dieldrin (maximum concentration of 0.022 [estimated] $\mu\text{g/L}$) was detected above its AWQSGVs in three (3) filtered groundwater grab samples (SB-1, SB-4 and SB-10).

2.3.4 Soil Vapor

To evaluate the potential for soil vapor intrusion at the Site, seven (7) temporary soil vapor points were installed and sampled. Following utility clearance procedures, and beginning on April 30, 2018, Trinity installed the temporary soil vapor points utilizing a track mounted Geoprobe™ drill rig. In areas where the proposed building foundations are at a shallow depth, the vapor point was installed at five (5) ft bls. In areas where the proposed building foundations are deeper, the vapor point was installed at one-foot above the groundwater table. Following installation of each temporary soil vapor point, the integrity of each sampling point seal was checked in accordance with New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion. This step was conducted as a quality assurance/quality control measure to verify that the soil vapor sample was not compromised by inadvertent introduction of ambient air into the sample. Soil vapor was purged from the point using an air pump calibrated to approximately 0.2 liters per minute while the sampling point was covered at the surface with a small enclosure that is partially filled with helium. The soil vapor discharging from the air pump and the air within the enclosure was continuously monitored for helium during purging. Samples were collected using batch certified vacuum canisters equipped with laboratory-supplied, two-hour regulators. Samples were analyzed for VOCs via USEPA Method TO-15. All samples were collected in accordance with the NYSDOH guidance.

Several petroleum-related VOCs and one chlorinated VOC (Tetrachloroethylene [PCE]) were detected in soil vapor samples throughout the Site during the Roux 2018 Phase II ESA. The results of the soil vapor sampling event are summarized on Plate 3.

- PCE was detected in four (4) soil vapor samples (SV-3, SV-4, SV-6 and SV-7) at concentrations ranging from 8.68 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) to 48.8 $\mu\text{g}/\text{m}^3$.

3. RI Work Plan Objectives, Scope, and Rationale

Roux, on behalf of the BCP Applicant, has developed a RI scope of work (presented in this RIWP) that is intended to satisfy NYSDEC BCP requirements based on the anticipated foundation excavation depths which vary across the Site between 2 (Building B-South) and 12 (Building B-North) ft bls. The raised courtyard will be constructed above the community space located in the cellar of Building B-North between Building B-North and Building B-South. The at-grade community gardens will be constructed in the northeast and southeast portions of the Site. The gardens will include concrete walking paths, areas with decorative crushed/decomposed granite, landscaped areas and raised planting beds. The gardens will include concrete walking paths, areas with decorative crushed/decomposed granite, landscaped areas with shallow rooting trees /shrubs and raised planting beds. Though not fully developed the remedial plan for these areas will include a minimum of two feet of clean fill above a demarcation layer in the community gardens, potentially with deeper planting zones for shallow rooting trees.

Data collected during the RI will be used to evaluate the potential cleanup tracks (e.g., Track 1, Track 2 or Track 4), that may be achievable based upon the planned redevelopment excavation and/or over-excavation in certain portions of the Site (for example the community gardens or below the buildings) to achieve a higher level of cleanup. To that end, the sampling program for soil has been designed with a base quantity of samples across the Site needed to evaluate general soil quality conditions, with deeper samples placed on hold at the laboratory to evaluate potential deeper over-excavation. The data will be used to determine the basis for remedial actions for the Site.

Standards, Criteria, and Guidance (SCGs) for soil at BCP Sites are the numerical SCOs presented in Part 375. The SCOs are categorized into unrestricted use criteria and restricted use (residential, restricted-residential, commercial, or industrial) criteria, as well as criteria for protection of groundwater (PGW) and ecological resources. The applicability of each category of SCOs is determined based upon the current and reasonably anticipated future use of the Site, as well as cleanup tracks being evaluated. The anticipated redevelopment for the Site includes 1) a 15-story tower which will hold community facility space, 2) a 10-story building and 3) a raised courtyard built over a community facility space, so RRSCOs are the applicable standards if a Track 2 or Track 4 restricted use remedy is contemplated and UUSCOs are the applicable standards if a Track 1 remedy is contemplated.

Although the groundwater beneath the Site is not used as a drinking water source, based upon the evaluation of the current groundwater data discussed in the RIWP, the NYSDEC AWQSGVs – TOGS 1.1.1. will be considered.

New York State Department of Health's (NYSDOH's) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 and Revised 2017 (NYSDOH Guidance), employs three (3) Matrices to determine whether monitoring or mitigation of soil vapor levels are warranted, based on concentrations present in sub-slab and indoor air samples. The matrices, along with other lines of evidence gathered from the RI, will be used in determining any actions to address potential exposures related to soil vapor intrusion. Potential soil vapor impacts identified in accordance with the NYSDOH guidance will be considered.

3.1 Objectives

The following areas of concern (AOCs) were identified in historic documents within the Site limits:

- Soil and groundwater contamination due to the presence of Site-wide urban fill;
- Potential migration of contaminants of concern through groundwater and/or soil vapor impacts onto the Site from an adjacent property to the north/northwest which operated as a dry-cleaning facility in the past;
- Potential soil, groundwater and soil vapor contamination from former Site uses;
- Potential soil, groundwater, and soil vapor contamination from former on-Site presumable dry cleaner; and
- Potential UST identified by geophysical survey.

Based on the existing data for the Site and known data gaps (e.g., a limited number of environmental samples were collected across the Site during the Phase II ESA and no permanent groundwater monitoring wells were installed), the following objectives have been identified for the RIWP:

- Delineate the nature and extent of potential impacts to soil from AOCs described above utilizing multiple sample depths (to define the cleanup track) and endpoint sampling at the bottom of planned excavation;
- Investigative potentially identified UST using soft-digging techniques;
- Evaluate soil quality associated with the former presumed dry cleaner AOC;
- Delineate the nature and extent of impacts to groundwater;
- Evaluate the soil vapor intrusion risk to future structures that will be built on-Site; and
- Fill data gaps from prior investigations (e.g., obtain more data across the Site).

Environmental data collected during the RI will be used to qualitatively assess the potential exposure of receptors to Site contaminants and develop the information necessary to support the development of a RAWP.

3.2 RI Scope

The scope of the RI will include the collection of sufficient Site characterization data so that, together with the historical data, the entire Site will be sufficiently characterized to support the development of the Site-wide RAWP.

To accomplish this, the scope of work for the RI will include the following:

- The performance of Site reconnaissance to confirm proposed sampling locations;
- The advancement of soil borings, collection of soil samples, installation of groundwater monitoring wells, collection of groundwater samples from new monitoring wells, installation of soil vapor points, and sampling of new soil vapor points;
- The collection of soil, groundwater, and soil vapor data sufficient to define the nature and extent of impacted media;
- The collection of a synoptic round of groundwater level measurements and the collection of additional land survey data as needed for developing a groundwater elevation contour map; and
- The performance of a qualitative exposure assessment (EA) to identify exposure pathways and evaluate contaminant fate and transport.

All investigation activity will be conducted in accordance with the applicable requirements of the NYSDEC DER-10. All base soil and groundwater samples collected from the soil and groundwater investigation described in detail below will be analyzed for the TCL/Part 375 plus 30/ TAL (TCL + 30/TAL) list of parameters including:

- TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs);
- TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20;
- TCL/Part 375 Pesticides;
- TCL/Part 375 Herbicides;
- TCL/Part 375 PCBs;
- TAL/Part 375 Metals (including hexavalent chromium); and
- Total Cyanide.
- Emerging Contaminants *

*ECs list includes 1,4-Dioxane and the 21 Per- and Polyfluoroalkyl Substances (PFAS) which include the 21 compounds listed in the NYSDEC July 2018 Groundwater Sampling for Emerging Contaminants Guidance (NYSDEC July 2018 Guidance) and the March 2019 Sampling for 1,4-Dioxane and PFAS Under DEC's Part 375 Remedial Programs (NYSDEC March 2019 Guidance). PFAS in soil and groundwater will be analyzed by USEPA Method 537 Modified and 1,4-Dioxane in groundwater will be analyzed by USEPA Method 8270D SIM and 1,4-Dioxane in soil will be analyzed by USEPA Method 8270D. Soil samples placed on hold at the laboratory will not be analyzed for ECs. The 21 PFAS are:

- Perfluorobutanesulfonic acid
- Perfluorohexanesulfonic acid
- Perfluoroheptanesulfonic acid
- Perfluorooctanesulfonic acid
- Perfluorodecanesulfonic acid
- Perfluorobutanoic acid
- Perfluoropentanoic acid
- Perfluorohexanoic acid
- Perfluoroheptanoic acid
- Perfluorooctanoic acid
- Perfluorononanoic acid
- Perfluorodecanoic acid
- Perfluoroundecanoic acid
- Perfluorododecanoic acid
- Perfluorotridecanoic acid
- Perfluorotetradecanoic acid
- 6:2 Fluorotelomer sulfonate

- 8:2 Fluorotelomer sulfonate
- Perfluorooctanesulfonamide
- N-methyl perfluorooctanesulfonamidoacetic acid
- N-ethyl perfluorooctanesulfonamidoacetic acid

Soil samples will also be collected for geologic logging in accordance with the Unified Soils Classification System (USCS) and for visual inspection (for evidence of contamination including staining, elevated photoionization detector (PID) detections, and/or odors).

All soil vapor air samples will be analyzed using United States Environmental Protection Agency (USEPA) Method TO-15 for VOCs.

All data will be produced in accordance with NYSDEC Analytical Services Protocol (ASP) Category B deliverables and will be reviewed and validated by an independent party in a DUSR, prepared by Judy Harry of DVS, before being incorporated into the RI Report (RIR) for the Site. All data will be submitted to NYSDEC in electronic format, in accordance with DER-10, section 1.15 and updated procedures that took effect on November 14, 2018.

The overall scope of each component of the RI is discussed in the following subsections. Detailed field sampling procedures are provided in the QAPP/FSP; Appendix C. The proposed sampling locations are shown on Figure 3 of this RIWP and additional information, including intervals to be sampled and sample rationale, is provided in the sections below.

3.2.1 Site Reconnaissance

Roux has performed a preliminary Site reconnaissance and a geophysical survey and has identified potential AOCs, described in Section 3.1., which will be targeted during the RI. An inspection of the existing Site conditions will be conducted to determine final locations of soil borings and monitoring wells based on actual field conditions.

3.2.2 Soil Investigation

In the 2018 Phase II ESA, Roux collected soil data throughout the Site in a manner consistent with DER-10. We believe this data accurately characterizes soil conditions at discrete intervals at the Site and, as such, the additional soil investigation proposed as part of this RI will supplement that data. In order to incorporate the prior soil data into the RI Report, Judy Harry of DVS will perform DUSR to validate all data meets applicable data quality objectives.

To characterize the soil conditions for the AOCs at the Site and fill existing data gaps in vertical delineation of contamination, twenty-eight (28) soil borings will be installed at the locations shown in Figure 3. Boreholes will be pre-cleared to five ft bls using non-intrusive methods, such as hand tools and/or vacuum excavation, prior to advancement of soil borings to verify the absence of utilities and/or other subsurface features (i.e. obstructions). Should a utility or other feature be observed during pre-clearance activities, the sampling location will be relocated to no more than ten feet away from the original proposed sample location. If a boring is proposed to be moved more than ten feet from the location shown on Figure 3, the NYSDEC project manager will be consulted prior to installing the boring at the new location. Soil samples will be collected by hand or by utilizing the GeoProbe® Direct-Push Drill Rig. Soil samples will be collected

continuously from land surface to the water table or the interval below the planned excavation depth. During installation of the soil borings, the lithology will be recorded, and soil will be inspected for evidence (visual or olfactory) of contamination and field screened continuously for VOCs using a PID with a 10.6 eV lamp.

Region of Site	Number of Borings	Boring ID	Analyses (see notes below)	Depth of Sample (ft bls)
Community Garden - SW	5	SB-13 through SB-17	TCL/Part 375 + 30/TAL, ECs	2-4, 8-10, 15-17, 17-19 (H*), 19-21 (H*)
Building B - South	5	SB-18 through SB-22	TCL/Part 375 + 30/TAL, ECs	2-4, 4-6 (H*), 6-8 (H*), 15-17 (H*)
Building B (unexcavated)	3	SB-23 through SB-25	TCL/Part 375 + 30/TAL, ECs	2-4, 4-6 (H*), 6-8 (H*)
B – Courtyard	3	SB-26 through SB-28	TCL/Part 375 + 30/TAL, ECs	11-13, 13-15 (H*), 15-17 (H*)
Potential UST	1	SB-29	TCL/Part 375 + 30/TAL, ECs	0-2, 11-13, 13-15 (H*), 15-17 (H*)
Presumed Former On-Site Dry Cleaner	2	SB-31 and SB-32	TCL/Part 375 + 30/TAL, ECs	SB-31: 0-2, 11-13, 13-15 (H*), 15-17 (H*) and 2 ft interval exhibiting the highest impacts SB-32: 0-2, 2 ft interval exhibiting the highest impacts
Building B – North (outside Presumed Former On-Site Dry Cleaner AOC)	6	SB-30, SB-33 through SB-36 and SB-40	TCL/Part 375 + 30/TAL, ECs	SB-33, SB-36 and SB-40: 11-13; 13-15 (H*), 15-17(H*), SB-30, SB-34 and SB-35: 2-4, 4-6 (H*), 6-8 (H*)
Community Garden - SE	3	SB-37 through SB-39	TCL/Part 375 + 30/TAL, ECs	2-4, 8-10, 10-12; 12-14 (H*); 15-17 (H*)

(H*) – Sample to be submitted to the laboratory on hold pending the results of the initial, shallower sample(s). Only analytes that exceed at least one SCO in the shallow samples will be run in the samples held in the deeper intervals. Samples placed on hold at the laboratory will not be analyzed for ECs.

If odor/visual evidence of contamination or elevated PID concentrations are noted, one additional sample will be collected from the interval that exhibits the greatest evidence of contamination. Following sample collection, boreholes that will not be converted to monitoring wells will be backfilled with soil cuttings with an

upper bentonite plug and restored with like materials to surrounding grade. Grossly contaminated soil cuttings will be placed into sealed and labeled Department of Transportation (DOT) approved 55-gallon drums, pending characterization and off-site disposal at a permitted facility.

3.2.2.1 Soil Investigation for Presumed Former Dry Cleaner AOC

Two focused borings (SB-31 and SB-32) will be completed in the north and southwest sides of the area where the presumed former dry cleaner was historically located. Up to two (2) soil samples will be collected from each boring to be submitted for laboratory analysis. One soil sample will be collected from the first two-foot interval of soil representing surface soils at the Site. A second sample will be collected from the two-foot interval exhibiting the greatest evidence of impact (elevated PID detections, odors, or staining). If no evidence of impacts is observed during soil boring advancement, the soil sample will be collected from the two-foot interval below the proposed foundation excavation depth (12-14 ft bls). In the event that impacts are observed, additional soil samples may be collected from two-foot intervals located beneath the visually impacted interval to confirm clean deeper samples.

3.2.2.2 Soil Investigation for Potential UST

In the area where the potential UST was identified during the geophysical survey, two (2) exploratory test-holes will be dug to expose and verify the location, type, and size of the potential UST. The test-holes will be completed using soft digging techniques such as a vector or air knife, non-mechanical tools, or hand tools.

If the presence of the UST is confirmed, soil boring SB-29 will be completed downgradient of the UST location. Up to two (2) soil samples will be collected from the boring to be submitted for laboratory analysis. One (1) soil sample will be collected from the first two-foot interval of soil representing surface soils at the Site. A second sample will be collected from the two-foot interval exhibiting the greatest evidence of impact (elevated PID detections, odors, or staining). If no evidence of impacts is observed during soil boring advancement, the soil sample will be collected from the two-foot interval below the proposed foundation excavation depth (11-13 ft bls). In the event that impacts are observed, additional soil samples will be collected from two-foot intervals located beneath the visually impacted interval to vertically delineate the extent of the impacts.

If the UST is not found, one of the test holes will be converted to a soil boring (SB-29). One soil sample will be collected from the first two-foot interval of soil representing surface soils at the Site. A second sample will be collected from the two-foot interval exhibiting the greatest evidence of impact (elevated PID detections, odors, or staining). If no evidence of impact is observed during soil boring advancement, the soil sample will be collected from the two-foot interval below the proposed foundation excavation depth (11-13 ft bls).

3.2.2.3 Soil Investigation for Impacts at Bottom of Planned Excavation Using Pre-Excavation Endpoints

In the attempt to supplement the vertical delineation of potential contamination at the Site within the planned excavation, pre-excavation endpoint samples will be incorporated into this RI and collected from the two-foot interval below the planned excavation (the Applicant acknowledges that NYSDEC reserves the right to request additional confirmation/documentation sampling at the completion of the remedial action). The depth of the sample intervals is shown in the table in Section 3.2.2.

According to DER-10, endpoint samples (also known as documentation samples) are intended to indicate the quality of soil remaining after the completion of the remedial action. This scope intends to collect a subset

of endpoint samples prior to excavation to investigate for contamination and provide insight to the cleanup requirements that may be necessary for this Site. Following completion of excavation, the remaining number of endpoint samples to be identified in the RAWP will be collected. Procedures and frequency for this testing will be specified in the RAWP.

3.2.3 Groundwater Investigation

To characterize Site groundwater flow and quality conditions and to evaluate for potential off-Site migration, five (5) permanent groundwater monitoring wells (MW-1 through MW-5) will be installed at selected soil boring locations. The proposed groundwater monitoring well locations are shown on Figure 3.

The QAPP/FSP in Appendix C contains monitoring well design details. Following installation, each proposed monitoring well to be sampled will be developed to ensure proper hydraulic connection with the aquifer and to reduce/eliminate turbidity of the groundwater. The wells will be developed using a submersible pump, which will be surged periodically until well yield is consistent and has turbidity below 50 nephelometric turbidity units (NTUs), if possible. Detailed procedures regarding well development can be found in the QAPP/FSP (Appendix C). All monitoring wells will be surveyed by a licensed New York State surveyor to obtain horizontal and vertical coordinates. The depth to groundwater in each monitoring well will be measured using an electronic water level meter and a groundwater contour map will be developed using the survey data.

Groundwater samples from the permanent monitoring wells will be collected no sooner than one (1) week following development of the wells. All wells will then be purged and sampled using a low-flow method. Purging and sampling will be performed consistent with USEPA low-flow sampling requirements. One round of groundwater samples will be collected in accordance with the QAPP/FSP and analyzed for:

- TCL + 30/TAL/Part 375 (including filtered and unfiltered metals, SVOCs, PCBs and pesticides) and ECs

Field parameters (e.g., pH, dissolved oxygen, oxidation-reduction potential [ORP], etc.) will also be collected using a water quality meter during purging and prior to sampling.

3.2.4 Soil Vapor Investigation

The following nine soil vapor samples will be collected during the RI to evaluate soil vapor conditions at the Site:

- Six (6) soil vapor samples across the Site to further assess the impact of the urban fill (SV-9 through SV-11 and SV-15 through SV-17)
- One (1) soil vapor sample (SV-12) near the back of the presumed former on-Site dry cleaner
- Two (2) additional perimeter soil vapor sample (SV-13 and SV-14) located along the western property boundary to evaluate the potential migration of contaminants of concern on-Site from an adjacent property to the north/northwest which operated as a dry-cleaning facility in the past

The soil vapor samples will be collected from soil vapor points installed by hand or by using a Geoprobe® to the target depth of approximately 5 to 7 ft bls, 2 ft below the anticipated bottom of the slab, or two feet above the groundwater table (whichever is shallower) as per the following table:

Region of Site	Soil Vapor Sample Identification	Sample Depth
General Site Conditions	SV-9 through SV-11 and SV-15 through SV-17	SV-9, SV-11 and SV-16: 5-7 (to limit negative bias due to shallow sampling in an area with pervious ground cover) SV-10, SV-15 and SV-17: 7-9 (to be approximately 2 feet above the average water table due to the foundation being at or below the water table)
Presumed Former On-Site Dry Cleaner	SV-12	7-9 (to be approximately 2 feet above the average water table due to the foundation being at or below the water table)
Perimeter to assess vapor migration onto the Site from former off-Site dry cleaners	SV-13 and SV-14	SV-13 and SV-14: 5-7 (to limit negative bias due to shallow sampling in an area with pervious ground cover)

New Teflon®-lined tubing will be attached to an expendable soil vapor sampling point with a 6-inch stainless steel screen. The soil vapor points will be backfilled with #2 Morie sand to approximately one foot above the screen. The remainder of the borehole will be backfilled with a concrete/bentonite slurry to grade.

The soil vapor samples will be collected using pre-cleaned (batch certified) 6-liter summa canisters with regulators calibrated to collect samples over an 8-hour period and analyzed using USEPA Method TO-15 for VOCs. A helium tracer gas test will be performed on each vapor point prior to sampling in accordance with the procedures outlined in the NYSDOH Guidance. The proposed soil vapor sampling locations are shown on Figure 3. Additional details regarding soil vapor sampling methods are provided in the QAPP/FSP (Appendix C).

3.2.5 Qualitative Exposure Assessment

A qualitative human health EA will be performed following the collection of all RI data. The EA will be performed in accordance with Section 3.3(c)4 of DER-10 and the NYSDOH guidance for performing a qualitative EA (DER-10; Appendix 3B). The results of the qualitative EA will be provided in the RIR.

According to Section 3.10 of DER-10, and the Fish and Wildlife Resources Impact Analysis Decision Key in DER-10 Appendix 3C, a Fish and Wildlife exposure assessment will be performed (if needed) based on the RI results.

4. Quality Assurance/ Quality Control (QA/QC) Protocols

The goal of the QA/QC aspect of the RI is to ensure that suitable and verifiable data results from sampling and analysis are performed. To accomplish this, a QAPP/FSP has been prepared and is provided as Appendix C.

5. Health and Safety

A site-specific Health and Safety Plan (HASP) has been prepared for the Site and is provided in Appendix D. A site-specific Community Air Monitoring Plan (CAMP) has been prepared for the Site and is provided as Appendix E.

6. Reporting and Schedule

The following will be provided to the NYSDEC during the course of the RI work.

Progress Reports

Progress report submittals to be provided to the NYSDEC include the following.

- Periodic reports, no less than one per month as required by the BCA, will be submitted during RI activities.
- Discovery of any previously unknown contaminated media during RI activities will be promptly communicated to NYSDEC's project manager.
- A Site map will be provided to identify locations discussed in progress reports provided to NYSDEC.

Remedial Investigation Report

Following the completion of the RI, a RIR will be prepared to summarize the results and findings of the RI. The RIR will likely be combined with the RAWP into a single RIR/RAWP due to project time constraints.

The RIR/RAWP will include all data developed during the RI and will meet the technical requirements of DER-10. A projected schedule for the project through issuance of the Certificate of Completion is presented in Figure 4.

Remedial Investigation Work Plan
Sendero Verde Redevelopment Project – Parcel B, New York, New York

FIGURES

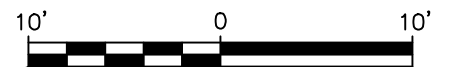
1. Site Location Map
2. Existing Site Conditions
3. Proposed Remedial Investigation Sampling Locations
4. Project Schedule

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LEGEND

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



Title:			
EXISTING CONDITIONS			
SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B			
Prepared for:			
SV-B OWNERS LLC			
	Compiled by: D.B.	Date: 14NOV18	FIGURE 2
	Prepared by: G.M.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2984.0003Y000	
	File: 2984.0003Y101.01.DWG		

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LEGEND

- SB-12 APPROXIMATE LOCATION AND DESIGNATION OF PHASE II ESA SOIL BORING
- SB-6/
SV-6 APPROXIMATE LOCATION AND DESIGNATION OF PHASE II ESA SOIL BORING AND SOIL VAPOR SAMPLE
- SB-11 APPROXIMATE LOCATION OF PHASE II ESA SOIL BORING AND GROUNDWATER GRAB SAMPLE
- SB-4/
SV-4 APPROXIMATE LOCATION OF PHASE II ESA SOIL BORING, GROUNDWATER GRAB SAMPLE AND SOIL VAPOR SAMPLE
- SB-20 PROPOSED SOIL BORING LOCATION
- SB-13/
MW-1 PROPOSED SOIL BORING/PERMANENT GROUNDWATER MONITORING WELL LOCATION
- SB-27/
SV-10 PROPOSED SOIL BORING/SOIL VAPOR LOCATION
- LOTS THAT ARE NOT PART OF THE SENDERO VERDE REDEVELOPMENT PROJECT - PARCEL B SITE
- BCP SITE BOUNDARY

Title:

PROPOSED
REMEDIAL INVESTIGATION
SAMPLING LOCATIONS

SENDERO VERDE
REDEVELOPMENT PROJECT - PARCEL B

Prepared for:

SV-B OWNERS LLC

Compiled by: D.B.

Date: 14NOV18

Prepared by: G.M.

Scale: AS SHOWN

Project Mgr: J.M.

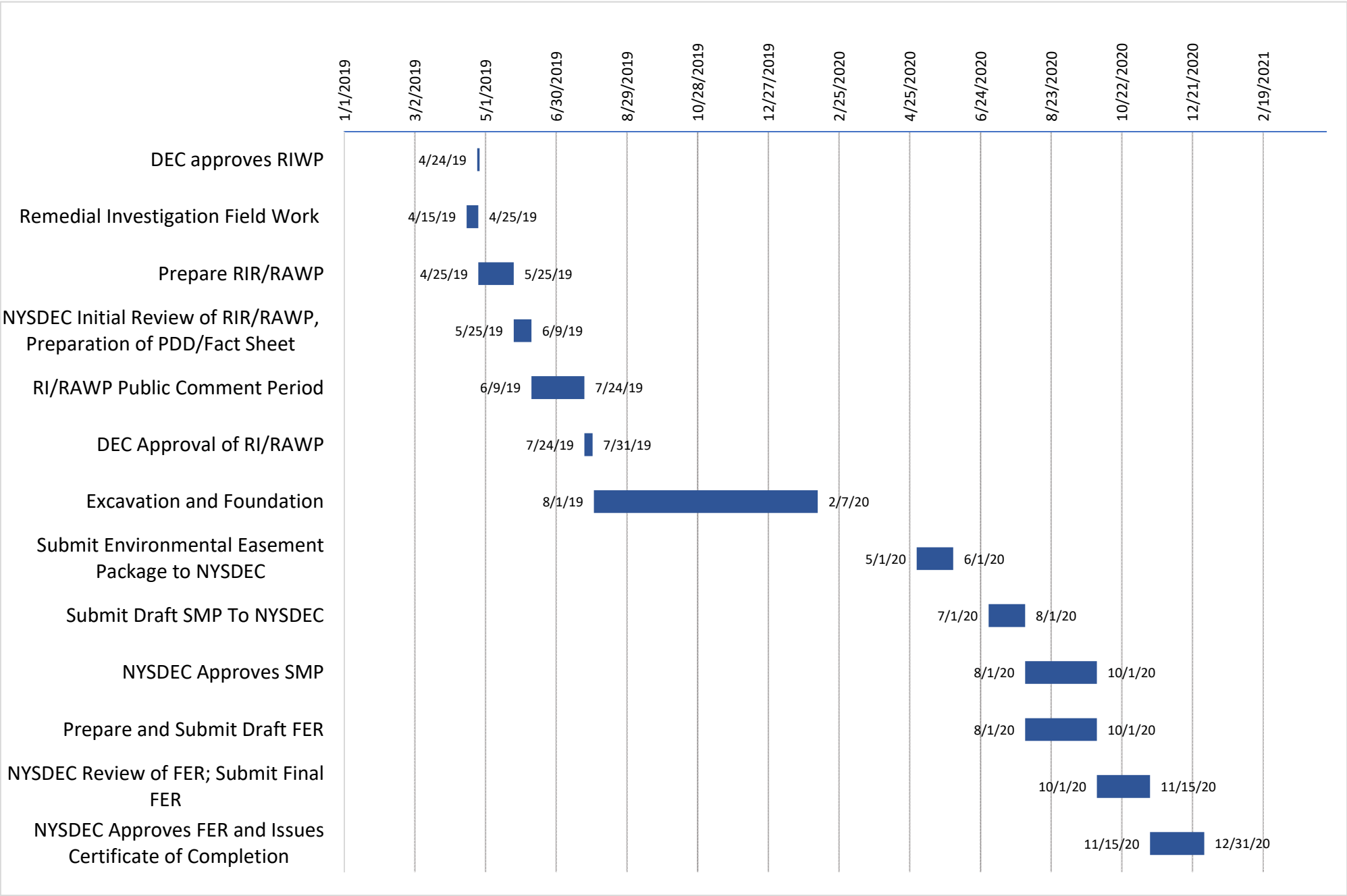
Project: 2984.0003Y000

File: 2984.0003Y101.01.DWG

FIGURE

3

Figure 4. Project Schedule



Remedial Investigation Work Plan
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDICES

- A. Proposed Redevelopment Plan
- B. Historic Reports (Provided on CD in Bound Copy)
- C. Quality Assurance Project Plan/Field Sampling Plan
- D. Site Specific Health and Safety Plan (Provided on CD in Bound Copy)
- E. Community Air Monitoring Plan

Remedial Investigation Work Plan
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX A

Proposed Redevelopment Plan

Sendero verde

EAST HARLEM | BUILDING B

B-NORTH 60E. 112TH STREET
B-SOUTH 75E. 111TH STREET
NEW YORK, NY 10029

OWNERS

Jonathan Rose Companies
551 Fifth Avenue, 23rd Floor
New York, NY 10176
917.542.3600

L+M Development
1865 Palmer Avenue, Suite 203
Larchmont, NY 10538
212.233.0495

Acacia Network
300 East 175th Street
Bronx, NY 10457
347.649.3295

ARCHITECT

Handel Architects, LLP
120 Broadway, 6th Floor
New York, NY 10271
212.595.4112

STRUCTURAL ENGINEER

DeSimone Consulting Engineers
140 Broadway, 25th Floor
New York, NY 10005
212.532.2211

MEP/FP ENGINEER

Cosentini
2 Pennsylvania Plaza
New York, NY 10121
212.615.3600

EXTERIOR WALL

Vidaris
360 Park Avenue South, 15th Floor
New York, NY 10010
212.689.5389

SUSTAINABILITY / PASSIVE HOUSE

Steven Winter Associates
307 7th Avenue, Suite 1701
New York, NY 10001
212.564.5800

GEOTECHNICAL ENGINEER

Geodesign Inc
224 W 35th Street, #1100
New York, NY 10001
212.221.6651

CIVIL ENGINEER

Langan
360 W 31st Street, 8th Floor
New York, NY 10001
212.479.5400

VERTICAL TRANSPORTATION

Jenkins & Huntington
5 Climax Road
Avon, CT 06001
212.696.1818

LANDSCAPE ARCHITECT

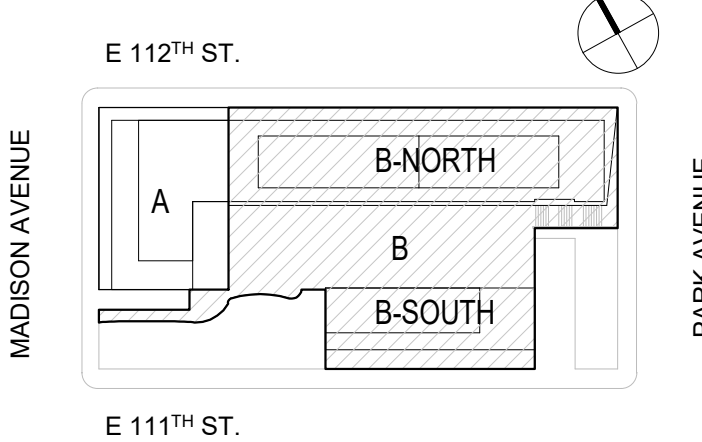
AECOM
125 Broad Street, 15th Floor
New York, NY 10004
212.377.8400

ACOUSTICAL ENGINEER

Cerami Associates
404 5th Avenue, 8th Floor
New York, NY 10018
212.370.1776

NO.	DATE	ISSUANCE
07/20/2018	50% DESIGN DEVELOPMENT	
10/12/2018	100% DESIGN DEVELOPMENT	

KEY PLAN



SCALE As indicated
PROJECT NO: 1272
SEAL & SIGNATURE NYC DOB NO:

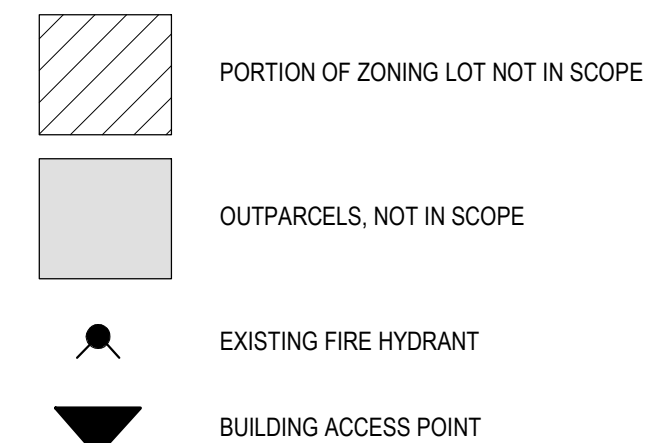
DRAWING TITLE:
COMPOSITE SITE
PLAN (A, B)

DRAWING NO:

A-040.00

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COMPOSITE SITE PLAN LEGEND

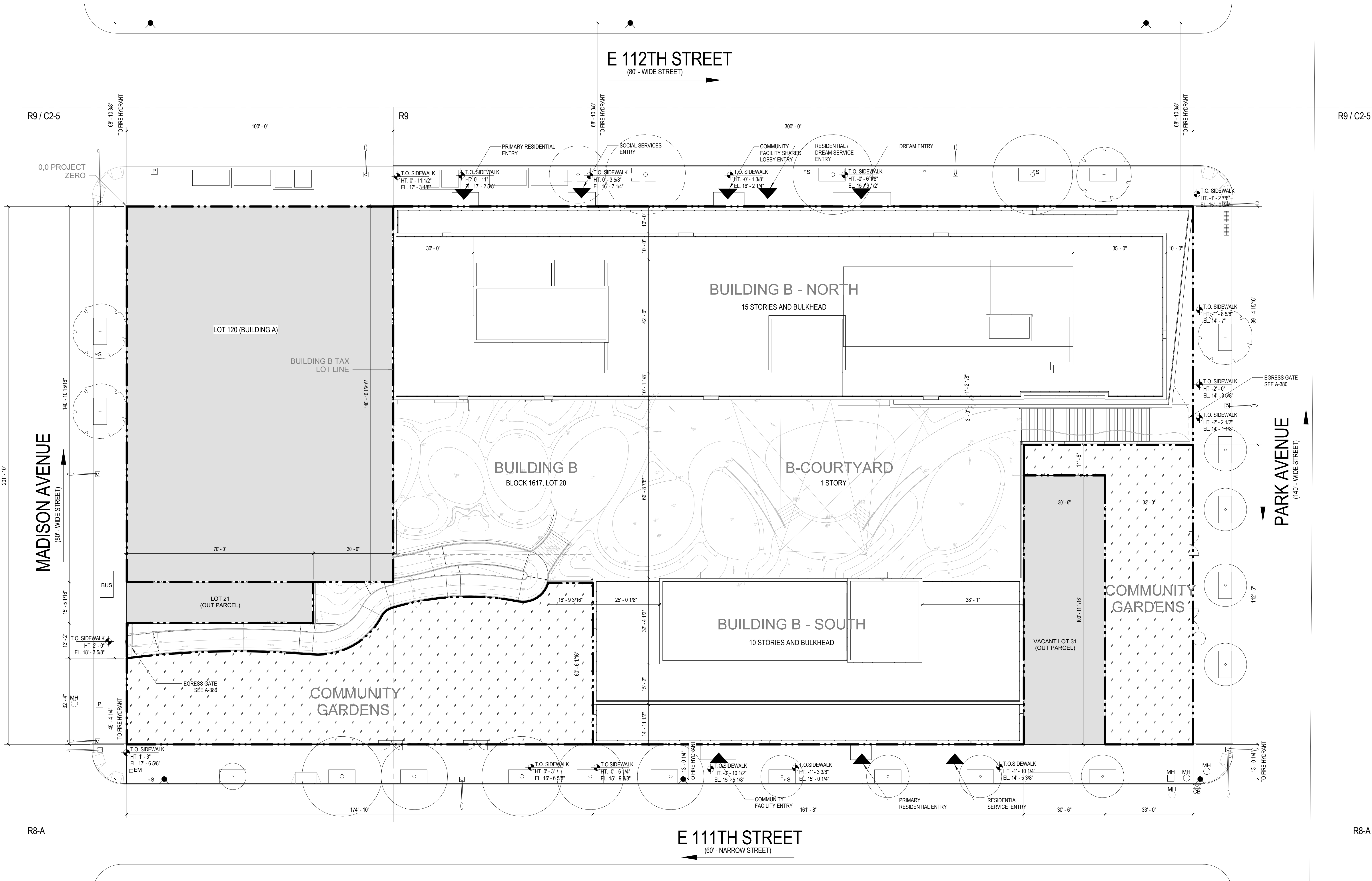


ZONING USE GROUPS
USE GROUP 2 - MULTI-FAMILY RESIDENTIAL
USE GROUP 3 - HIGH SCHOOL
USE GROUP 4 - NON-COMMERCIAL REC CENTER
USE GROUP 4A - NON-PROFIT OFFICE

CONSTRUCTION CLASSIFICATION
TYPE B - BC TABLE 601

OCCUPANCY CLASSIFICATION:
R-2 RESIDENTIAL (DOMINANT OCCUPANCY)
A-3 ASSEMBLY (ACCESSORY)
B BUSINESS (ACCESSORY)
E EDUCATIONAL (ACCESSORY)
F-2 WORKSHOP (ACCESSORY)

MULTIPLE DWELLING CLASSIFICATION
CLASS A - HABA (HEREAFTER ERECTED) AS PER
APPENDIX D MULTIPLE DWELLING LAW



COMPOSITE SITE PLAN (A, B)

1/16" = 1'-0"

10

Remedial Investigation Work Plan
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX B

Historic Reports
(Provided on CD in Bound Copy)



Phase I Environmental Site Assessment

Block 1617, Lot 20,
East Harlem, New York

March 30, 2018

Prepared for:

**SV-A Owners LLC, SV-B Owners LLC
and SV-C Owners LLC**

Prepared by:

**Roux Environmental Engineering
and Geology, D.P.C**
209 Shafter Street
Islandia, New York 11749

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- H. Environmental Lien Search and Activity Use Limitations
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- J. User Provided Information

EXECUTIVE SUMMARY

At the request of SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC (Users), Roux Environmental Engineering and Geology, D.P.C. (Roux), performed a Phase I Environmental Site Assessment (ESA) of the real property known as the Sendero Verde Redevelopment Project occupying Tax Lot 20 of Tax Block 1617, in the borough of Manhattan, City and State of New York (Site) (Figure 1). Until recently, the Site encompassed 26 Tax Lots (Tax Lots 20, 22, 23, 25, 28, 29, 31, 33, 35, 37, 38, 39, 40, 41, 42, 43, 45, 46, 48, 50, 51, 52, 53, 54, 121 and 122). An Application for Apportionments or Mergers was submitted to the New York City Department of Finance (NYCDOF) on November 27, 2017 requesting that the 26 aforementioned Tax Lots be merged into a single Tax Lot. The application was approved and the New York City Tax Map was updated on January 12, 2018 to reflect the change. The Phase I ESA is intended to define the historical uses of the Site and identify any potential Recognized Environmental Conditions (RECs) that could warrant further consideration, in accordance with ASTM International Standard Practice E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process).

A review of historical sources including Certified Sanborn Fire Insurance maps, historical aerial photographs and a City Directory Abstract indicates that the Site was developed since at least 1896 with several low-rise Site buildings. From 1896 through the 1970's, the majority of the Site buildings were mixed residential and commercial in use. As indicated by the Certified Sanborn Fire Insurance maps, demolition of the Site buildings began in 1979, all Site buildings were demolished by 1986. A portion of the Site was converted to a park and playground in 2003. Currently, the Site consists of a full city block (Block 1617) minus two parcels (Lots 21 and 34). The Site is approximately 76,576 square feet in area and contains several community gardens and a baseball field. The community gardens and baseball field are no longer in use and are not accessible to the public as the Site is surrounded by locked perimeter fences. The areas surrounding the Site are urban and developed with low to high-rise multi-family residential buildings, commercial and office buildings, and mixed use residential and commercial properties.

Based on the information gathered as a result of the Phase I ESA process, Roux has identified the following RECs in connection with the Site:

- Historical on-Site Usage: As indicated by the City Directory, 56 East 112th Street operated as Continental Tailors & Cleaners (assumed to be a dry cleaner). Other noted operators/tenants of the Site included Frank Cohen Printer, White Printer Department, Hyman Furrier and Hernando Contreras Shoes. The Certified Sanborn Fire Insurance maps indicated that, a portion of the Site was identified as a "Chinese Laundry" from at least 1911 to 1979 and a portion of the Site contained paint stores from at least 1939 to 1951. These historical operations may have used hazardous materials and potentially impacted the quality of the subsurface soil, soil vapor and/or groundwater beneath the Site.
- Past use of adjacent and upgradient properties: As detailed in the environmental database report, an adjacent property to the north/northwest located within close proximity to the Site operated as a dry cleaning facility in the past. The immediately adjacent property to the south, operated as an auto service station in the past. As detailed in the City Directory, nearby properties also included dental offices and paint shops. These historical operations may have potentially impacted the quality of the subsurface soil, soil vapor and/or groundwater beneath the Site through on-Site migration of contaminants.

The following Business Environmental Risks (BERs) were identified regarding the Site:

- As noted in the geotechnical evaluation provided by the Users, the Site is underlain by historic urban fill which is common within the five boroughs of New York City. The thickness of the fill layer is estimated to be ten to 15 feet below land surface (bls).
- There is also the potential that previous on-Site buildings used fuel oil for heat prior to conversion to natural gas, though documentation is unavailable. Therefore, there is the potential that fuel oil tanks were present on-Site and undocumented removal of tanks may have occurred or

underground storage tanks (USTs) may remain onsite. There is potential that should tanks have existed, spills/releases may have impacted soil, groundwater and soil vapor beneath the Site.

Roux has identified the following data gaps in the information developed as part of the inquiry that affected the ability of the environmental professional to identify conditions indicative of releases at the Site:

- Awaiting responses to Freedom of Information Act (FOIA) requests from the New York City Department of Health (NYCDOH), New York State Department of Health (NYSDOH), New York State Department of Environmental Conservation (NYSDEC), New York City Fire Department (FDNY) and New York City Department of Environmental Protection (NYCDEP) pertaining to the Site. If any pertinent information is obtained from responses to outstanding FOIA requests regarding the Site, Roux will prepare a letter addendum summarizing these findings.

Roux was unable to conduct an interview with a knowledgeable Site representative. This is considered insignificant since the community gardens and baseball field are no longer being used and are completely fenced.

1.0 INTRODUCTION

At the request of SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC (Users), Roux Environmental Engineering and Geology, D.P.C. (Roux), performed a Phase I Environmental Site Assessment (ESA) of the real property known as Sendero Verde Redevelopment Project occupying Tax Lot 20 of Tax Block 1617, in the borough of Manhattan, City and State of New York (Site) (Figure 1). Until recently, the Site encompassed 26 Tax Lots (Tax Lots 20, 22, 23, 25, 28, 29, 31, 33, 35, 37, 38, 39, 40, 41, 42, 43, 45, 46, 48, 50, 51, 52, 53, 54, 121 and 122). An Application for Apportionments or Mergers was submitted to the New York City Department of Finance (NYCDOF) on November 27, 2017 requesting that the 26 aforementioned Tax Lots be merged into a single Tax Lot. The application was approved and the New York City Tax Map was updated on January 12, 2018 to reflect the change. The Phase I ESA is intended to define the historical uses of the Site and identify any potential Recognized Environmental Conditions (RECs) that could warrant further consideration, in accordance with ASTM International Standard Practice E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process).

The Phase I ESA was conducted in accordance with the scope of work presented in the original contract with SV Managers LLC dated August 4, 2017 and the Amendment, Assignment and Assumption of Agreement between SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC and Roux, dated December 22, 2017, and in general accordance with the American Society of Testing and Materials' (ASTM) International Standard Practice E1527-13 (Standard Practice for Environmental Site Assessments), consistent with the USEPA Standards and Practices for All Appropriate Inquiries (AAI) Rule (40 CFR Part 312, Standards and Practices for All Appropriate Inquiries; Final Rule¹). The preamble for the AAI Rule states:

In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527-05 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527-05 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-05 standard to comply with today's final rule.²

This AAI Rule was subsequently amended in 2013, as indicated in the following "Background":

With today's action, EPA is establishing that parties seeking liability relief under CERCLA's landowner liability protections, as well as recipients of brownfields grants for conducting site assessments, will be considered to have met the standards and practices for all appropriate inquiries, as set forth in the Brownfields Amendments to CERCLA and 40 CFR Part 312, if such parties follow the procedures provided in the ASTM E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." EPA made this determination based upon the Agency's finding that the ASTM E1527-13 standard is compliant with the All Appropriate Inquiries Rule. Therefore, parties conducting all appropriate inquiries may use the procedures in the newly issued ASTM E1527-13 standard when conducting all appropriate inquiries.³

The purpose of the Phase I ESA was to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Site. ASTM Standard Practice E1527-13 defines RECs as:

the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

ASTM Standard Practice E1527-13 provides that identified RECs can be evaluated and classified into Controlled Recognized Environmental Conditions (CRECs) or Historical Recognized Environmental

¹ Final Rule and information available at www.epa.gov/swerosps/bf/regneg.htm#final_rule, and <https://federalregister.gov/a/2013-31112>.

² Federal Register: November 1, 2005 (Volume 70, Number 210), page 66081.

³ Federal Register: December 30, 2013 (Volume 78, Number 250).

Conditions (HRECs) based on the following definitions. ASTM Standard Practice E1527-13 defines a CREC as:

a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

ASTM Standard Practice E1527-13 defines a HREC as:

a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

In order to assess the potential for RECs associated with the Site, Roux utilized a variety of information sources to perform the Phase I ESA, including a radial information search from federal, state, and local regulatory agency databases; Freedom of Information Act (FOIA)/public records responses from federal, state, and local regulatory agencies; and readily available information from the following sources: historical aerial photographs, historical topographic maps and a City Directory Abstract. The historical research and interviews were conducted in order to develop an understanding of the following:

- Current and past uses of the Site;
- Current and past uses of hazardous substances and/or petroleum at the Site, if any;
- Waste management and disposal practices that might have potentially caused releases or threatened releases of hazardous substances and/or petroleum products at the Site;
- Current and past corrective actions and response activities undertaken to address past and ongoing releases of hazardous substances and/or petroleum products at the Site, if any;
- The existence of any engineering and/or institutional controls recorded for the Site; and
- Current and past uses of adjoining properties that could have resulted in releases or threatened releases of hazardous substances and/or petroleum products to the Site.

Mr. Joseph Duminuco and Ms. Julie Moriarity served as the Environmental Professionals who conducted this Phase I ESA. As the Environmental Professionals, Mr. Duminuco and Ms. Moriarity possess sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (as defined in §312.1(c) on, at, in, or to a Site, sufficient to meet the objectives and performance factors in §312.20(e) and (f)). Mr. Duminuco's and Ms. Moriarity's professional profiles are provided in Appendix A.

2.0 METHODS OF INVESTIGATION

The methods of investigation used to conduct this Phase I ESA are outlined in the following sections.

2.1 General

The activities performed in conjunction with the Phase I ESA of the Site include:

- Review of federal, state, and local environmental regulatory agency databases provided by Environmental Data Resources (EDR), Inc. of Milford, Connecticut indicating locations of environmental concern within specified radii from the Site (Appendix B);
- Submission of FOIA/public records requests and inquiries to federal, state, and local regulatory agencies (Appendix C);
- Review of historical information for the Site and surrounding area;
- Reconnaissance of the Site and surrounding area; and

2.2 Review of Readily Available Information

The resources compiled and reviewed by Roux to date include the following:

- EDR Radius Map with GeoCheck, dated March 15, 2018, (EDR report) (Appendix B);
- Certified Sanborn Fire Insurance Maps dated 1896, 1911, 1939, 1951, 1968, 1969, 1979, 1980, 1982, 1986, 1989, 1991, 1992, 1993, 1994, 1995, 1996, 2001, 2002, 2003, 2004 and 2005 (Appendix D);
- Historical aerial photographs dated 1924, 1941, 1951, 1954, 1961, 1966, 1975, 1984, 1991, 1995, 2006, 2008, 2009, 2010 and 2011 (Appendix E);
- United States Geological Survey (USGS) 15 Minute Topographic Maps, Harlem, New York Quadrangle dated 1897, 1898 and 1900; 7.5 Minute Topographic Maps, Central Park, New York Quadrangle dated 1947, 1956, 1966, 1979, 1997 and 2013; (Appendix F);
- A search of the City Directory Abstract conducted by EDR (Appendix G); and
- Environmental Lien Search (Appendix H).

Pursuant to ASTM E1527-13, Roux also contacted and reviewed additional environmental record sources, as noted below:

Agency	Status
United States Environmental Protection Agency (USEPA)	Response received, summarized in Section 5.2.
New York State Department of Environmental Conservation (NYSDEC)	Response pending.
New York State Department of Health (NYSDOH)	Response pending.
New York City Department of Health (NYCDOH)	Response pending.
New York City Fire Department (FDNY)	Response pending.
New York City Department of Buildings Building Information System (NYCDOB BIS)	Records accessed; summarized in Section 5.2.

Agency	Status
New York City Department of Finance Automated City Register Information System (NYCDOF ACRIS)	Records accessed; summarized in Section 5.2.

2.3 Site and Surrounding Area Reconnaissance

Pursuant to ASTM Standard Practice E1527-13, Roux conducted a reconnaissance of the Site and surrounding area on December 19, 2017 and March 16, 2018, to identify, investigate, and assess potential RECs and other potential environmental concerns. The reconnaissance included observation of the Site, including all structures and buildings (if present), and surrounding area to determine the current use and condition of the Site, indications of past uses of the Site, and current uses of adjacent properties and the surrounding area. During the Site reconnaissance, Roux placed particular emphasis on identifying the following features, if present, in accordance with ASTM E1527-13:

- Hazardous substances and petroleum products in connection with identified uses;
- Storage tanks;
- Odors;
- Pools of liquid;
- Drums;
- Hazardous substances and petroleum products containers;
- Unidentified substance containers;
- Polychlorinated biphenyls (PCBs);
- Heating and cooling systems;
- Stains or corrosion;
- Drains and sumps;
- Pits, ponds, or lagoons;
- Stained soil or pavement;
- Stressed vegetation;
- Solid waste;
- Wastewater;
- Wells; and
- Septic systems.

In addition, observation of the general topographic setting of the Site was made, and inquiry was made into the source of potable water for the Site and other utilities, as presented in Section 6. Photographs from the Site reconnaissance are presented in Appendix I.

2.4 Previous Environmental Investigations

No environmental reports were provided. A preliminary geotechnical evaluation was provided by the User and is included in Appendix J.

Geotechnical Evaluation, prepared by GeoDesign Incorporated (GeoDesign), dated March 9, 2018

A geotechnical evaluation was conducted in two phases at the Site. The Phase I boring program, which included eleven geotechnical soil borings on the baseball field, was completed in August of 2017. Three of the soil borings were converted to groundwater monitoring wells. The Phase II boring program, which included four geotechnical soil borings performed on the sidewalks surrounding the Site and two geotechnical soil borings within the community garden areas, was completed in February of 2018. Uncontrolled fill was estimated to be ten to 15 feet bls and depth to groundwater was noted at approximately 12 to 13 feet bls.

As part of the geotechnical evaluation, soil samples were collected and submitted to a laboratory for sieve analysis, Atterberg limits, strength tests and consolidation tests. GeoDesign prepared recommendations for the future Site redevelopment based on observations and laboratory results of the geotechnical investigation.

3.0 PROPERTY DESCRIPTION

Descriptions of the Site and surrounding properties are included in the following sections. The location of the Site is presented in Figure 1. The Site and surrounding properties are presented in Figure 2. Documentation related to the recent Tax Map filing is included in Appendix J.

3.1 Property Location and Description

The Site is located on the western side of Park Avenue and on the eastern side of Madison Avenue, between East 111th and East 112th Streets in the East Harlem section of Manhattan, New York.

Currently, the Site consists of a full city block (Block 1617) minus two parcels (Lot 21 and 34). The Site is approximately 76,576 square feet in area and contains several community gardens and a baseball field. The community gardens and baseball field are no longer in use and are not accessible to the public as the Site is surrounded by locked perimeter fences.

The Site and surrounding area were inspected during the Site reconnaissance. The findings of the Site reconnaissance are summarized in Section 6.0.

3.2 Current Surrounding Property Usage

The area surrounding the Site is urban and developed with low to high-rise multi-family residential buildings, commercial and office buildings, and mixed use residential and commercial properties. Table 1.1 below provides details on surrounding property usage adjacent to the Site.

Table 1.1 Surrounding Property Uses	
North	East 112 th Street beyond which are multiple high-rise residential use buildings.
South	East 111 th Street beyond which are multiple mixed use commercial and residential high-rise buildings.
East	Park Avenue and elevated Metro North Railroad Tracks beyond which is a playground belonging to a public school.
West	Madison Avenue beyond which is a part five and part seven-story residential building.

3.3 Topographic and Hydrogeologic Setting

The grade at the Site is relatively flat and elevation of the Site is approximately 18 feet above mean sea level, as shown in the USGS 7.5 Minute Series Topographic Map – Central Park Quadrangle (Appendix F). According to the EDR report, the Site is not located in, or adjacent to, regulated wetlands. The Site is not located in the 100-year or 500-year flood zone. The nearest water body is the Harlem River, which is located approximately 0.65 miles to the east of the Site.

A formal groundwater flow direction study has not been conducted as part of this Phase I ESA. Groundwater flow direction is likely influenced by subsurface utilities, local dewatering projects, bedrock topography, subway tunnels, and other subsurface features. For purposes of investigating potential off-Site migration during this Phase I ESA, the direction of groundwater flow in the area of the Site is assumed to be southeast toward the Harlem River.

4.0 SITE HISTORY

The historical uses of the Site are discussed below.

4.1 Historical Site and Surrounding Property Usage

The historical uses of the Site and surrounding properties were researched by examining Certified Sanborn Fire Insurance Maps (Appendix D); historical aerial photographs (Appendix E); historical USGS topographic maps, (Appendix F); and a City Directory Abstract (Appendix G).

A review of historical sources including Certified Sanborn Fire Insurance maps, historical aerial photographs and a City Directory Abstract indicates that the Site was developed since at least 1896 with several low-rise Site buildings. From 1896 through the 1970's, the majority of the Site buildings were mixed residential and commercial in use. As indicated by the Certified Sanborn Fire Insurance maps, demolition of the Site buildings began in 1979, all Site buildings were demolished by 1986. A portion of the Site was converted to a park and playground in 2003. Currently, the Site consists of a full city block (Block 1617) minus two parcels (Lot 21 and 34). The Site is approximately 76,576 square feet in area and contains several community gardens and a baseball field. The community gardens and baseball field are no longer in use and are not accessible to the public as the Site is surrounded by locked perimeter fences. The areas surrounding the Site are urban and developed with low to high-rise multi-family residential buildings, commercial and office buildings, mixed use residential and commercial properties.

4.2 Certified Sanborn Fire Insurance Maps

Roux reviewed historical Certified Sanborn Fire Insurance maps for the Site (Appendix D). Table 2.1 is a summary of the Site and surrounding area from 1896 to 2005, as determined from the Certified Sanborn Fire Insurance maps.

Table 2.1 Certified Sanborn Fire Insurance Maps	
Date	Description
1896	<p>The Site is divided into 82 parcels. The following range of addresses is shown: 55-97 East 111th Street (southern portion of the Site; west to east); 1540-1548 Park Avenue (easternmost portion of the Site; south to north); 1673-1693 Madison Avenue (westernmost portion of the Site; south to north) and 38-74 East 112th Street (northern portion of Site; west to east). 1679 Madison Avenue and 91 East 111th Street are not considered part of the Site. The perimeter of the Site is depicted as developed with multiple three and five-story buildings; four of the buildings are described as residential.</p> <p>The adjacent properties to the north, beyond East 112th Street, are depicted as developed with multiple two, four and five-story buildings; their use is not described.</p> <p>The adjacent properties to the west, beyond Madison Avenue are depicted as developed with multiple four and five-story buildings; their use is not described.</p> <p>The adjacent properties to the east, beyond Park Avenue, are depicted as developed with multiple two and three-story buildings; one two-story building is described as commercial, the remaining building uses are not described.</p> <p>The adjacent properties to the south, beyond East 111th Street, are depicted as developed with multiple three and five-story buildings; their use is not described.</p>
1911	<p>The Site buildings located along Madison Avenue are described as stores with residences; the building located at 1677 Madison Avenue is described as "Paints". The Site buildings located along East 112th Street are described as stores with residences with the exception of three buildings, which are described as residential dwellings. The Site buildings located along East 111th Street are described as stores with residences; the building located at 63-67 East 111th Street is described as "Chinese Laundry". The Site buildings located along Park Avenue are depicted as stores with residences; the building located at 1540-1542 Park Avenue is described as "Drugs".</p> <p>The adjacent properties located to the north, beyond East 112th Street, are depicted as one, five and six-story buildings; their uses are described as stores with residences.</p> <p>The adjacent properties to the west, beyond Madison Avenue, appear similar to the previous map and are described as stores with residences.</p> <p>The adjacent properties to the east, beyond Park Avenue, appear similar to the previous map and are described as stores and residential dwellings.</p> <p>The adjacent properties to the south, beyond East 111th Street, are depicted as three, five and six-story buildings; their uses are described as stores and residential dwellings.</p>
1939	<p>The Site appears similar to the previous map; the buildings located at 1675 and 1677 Madison Avenue are described as "Paints". The Site building located at 91-93 East 111th Street is described as "Push Cart Storage".</p> <p>The adjacent properties located to the north, beyond East 112th Street, appear similar to the previous map. 47 East 112th Street is described as "Boarded Up" and 51 East 112th Street is described as "Garage".</p>

Table 2.1 Certified Sanborn Fire Insurance Maps	
Date	Description
	<p>The adjacent properties to the west, beyond Madison Avenue, appear similar to the previous map.</p> <p>The adjacent properties to the east, beyond Park Avenue, appear similar to the previous map.</p> <p>The adjacent properties to the south, beyond East 111th Street, appear similar to the previous map.</p>
1951	<p>The Site appears similar to the previous map; the building located at 1675 Madison Avenue is described as "Paints". The Site building located at 91-93 East 111th Street is vacant.</p> <p>The adjacent properties located to the north, beyond East 112th Street, appear similar to the previous map. 51 East 112th Street is described as "Church".</p> <p>The adjacent properties to the west, beyond Madison Avenue, appear similar to the previous map.</p> <p>The adjacent properties to the east, beyond Park Avenue, appear similar to the previous map.</p> <p>The majority of the adjacent properties to the south, beyond East 111th Street, appear similar to the previous map; three properties are depicted as vacant and the easternmost building is described as "Hotel".</p>
1968	<p>The Site appears similar to the 1951 map with the exception of the 1675 Madison Avenue no longer described as "Paints".</p> <p>The adjoining properties to the north, beyond East 112th Street, which previously consisted of several parcels containing five-story dwellings, are depicted as redeveloped as the New York City Housing Authority Senator Robert A. Taft Houses Apartments. There are multiple high-rise buildings; the northwestern most building depicts a laundry in the basement. Parking is depicted throughout the housing complex.</p> <p>The adjacent properties to the west, beyond Madison Avenue, appear similar to the previous map.</p> <p>The adjacent properties to the east, beyond Park Avenue, are depicted as vacant.</p> <p>The adjacent properties to the south, beyond East 111th Street, appear similar to the previous map with the exception of a parking lot depicted in the central portion of the southern properties.</p>
1969	<p>The Site appears similar to the previous map. The adjacent properties appear similar to the previous map.</p>
1979	<p>The buildings located in the northeastern portion of the Site appear to have been demolished and are vacant, two of the buildings located in the southeastern portion of the Site appear to have been demolished and are vacant.</p> <p>The adjacent properties to the north, beyond East 112th Street, appear similar to the previous map.</p> <p>The adjacent properties to the west, beyond Madison Avenue, appear to have been demolished and are vacant.</p>

Table 2.1 Certified Sanborn Fire Insurance Maps	
Date	Description
	<p>The adjacent properties to the east, beyond Park Avenue, appear similar to the previous map.</p> <p>The adjacent properties to the south, beyond East 111th Street, appear similar to the previous map.</p>
1980	<p>The majority of the Site buildings have been demolished and appear vacant, with the exception of the buildings located in the westernmost portion and central southern portion of the Site, which appears similar to the previous map. The adjacent properties appear similar to the previous map.</p>
1982	<p>The majority of the Site buildings appear demolished and vacant with the exception of the buildings located in the westernmost portion of the Site.</p> <p>The adjacent properties to the north, beyond East 112th Street, appear similar to the previous map.</p> <p>The adjacent property to the west, beyond Madison Avenue, appears redeveloped with an irregularly shaped part five, part seven-story building and is described as “Los Tres Unidos”, a residential apartment building containing 135 residential units.</p> <p>The adjacent properties to the east, beyond Park Avenue, appear similar to the previous map.</p> <p>The adjacent properties to the south, beyond East 111th Street, appear similar to the previous map.</p>
1986	<p>All of the Site buildings have been demolished and the Site appears vacant.</p> <p>The adjacent properties to the north, beyond East 112th Street, appear similar to the previous map.</p> <p>The adjacent property to the west, beyond Madison Avenue, appears similar to the previous map.</p> <p>The adjacent properties to the east, beyond Park Avenue, appear similar to the previous map.</p> <p>The adjacent properties to the south, beyond East 111th Street, appear similar to the previous map; two buildings located in the central portion have been demolished and appear vacant.</p>
1989	<p>Due to poor resolution, the Site and adjacent properties are not discernible.</p>
1991	<p>The Site appears similar to the 1986 map. The adjacent properties appear similar to the 1986 map.</p>
1992 through 1995	<p>The Site appears similar to the 1991 map.</p> <p>The adjacent properties to the north, beyond East 112th Street, appear similar to the 1991 map.</p> <p>The adjacent property to the west, beyond Madison Avenue, appears similar to the 1991 map.</p> <p>The adjacent properties to the east, beyond Park Avenue, are described as “Playground”.</p> <p>The adjacent properties to the south, beyond East 111th Street, appear similar to the 1991 map.</p>

Table 2.1 Certified Sanborn Fire Insurance Maps	
Date	Description
1996 through 2002	The Site appears similar to the 1995 map. The adjacent properties appear similar to the 1995 map.
2003	<p>The Site appears similar to the previous map with the exception of the majority of the northern portion of the Site described as “Park and Playground”.</p> <p>The adjacent properties to the north, beyond East 112th Street, appear similar to the 2002 map.</p> <p>The adjacent property to the west, beyond Madison Avenue, appears similar to the 2002 map.</p> <p>The adjacent property to the east, beyond Park Avenue, appears similar to the 2002 map.</p> <p>The adjacent properties to the south, beyond East 111th Street, appear similar to the 2002 map.</p>
2004 and 2005	The Site appears similar to the 2003 map. The adjacent properties appear similar to the previous map.

4.3 Historical Aerial Photographs

Historical aerial photography may indicate past activities at a property that may not have been documented by other means, or observed during a reconnaissance visit. Aerial photographs, for the years ranging from 1924 to 2011, are presented in Appendix E.

According to a review of the historical aerial photographs, the Site appears to be developed since at least 1924 with several Site buildings and corroborates the development as shown in the Certified Sanborn Fire Insurance maps. Demolition of several Site buildings is first shown in the 1975 aerial photograph. The 1984 aerial photograph shows further demolition of Site buildings. The 1991 aerial photograph shows all Site buildings demolished. The general site layout and building structures appear generally consistent with the current Site configuration since 1991.

4.4 Historical Topographic Maps

Historical topographic maps of the Site were obtained from EDR, and they are provided in Appendix F. The topographic maps corroborate the reported general development timeline of the Site and surrounding area, as shown in the historical aerial photographs and the Certified Sanborn Fire Insurance maps. These maps did not indicate any environmentally significant topographical features such as wetlands or environmentally significant Site uses such as landfills on or adjacent to the Site, nor did they indicate radical elevation changes consistent with filling operations.

4.5 City Directory Abstract

A City Directory Abstract of the Site was obtained from EDR and is presented in Appendix G. Records reviewed for the time period 1920 to 2014 were sourced from the R.L. Polk & Company, New York Telephone, Manhattan and Bronx Directory Publishing Company Residential Directory, NYNEX Telephone, Cole Information Services and Hill-Donnelly Information Services. Noted operators/tenants of the Site included JContinental Tailors & Cleaners, Frank Cohen Printer, White Printer Department, Hyman Furrier, and Hernando Contreras Shoes.

The City Directory Abstract also includes listings for the surrounding properties. Nearby off-Site properties included tailors, dry goods stores, painters, restaurants, a hotel, meat markets, stationaries, dress shops, dental offices, botanical gardens, jewelers and several residential dwellings.

4.6 Environmental Lien Search and Activity Use Limitations

EDR performed an environmental lien search and search for recorded activity use limitations (AULs) at the Site. No recorded environmental liens or AULs were found. Documentation concerning this request is included in Appendix H.

5.0 RECORDS REVIEW

This section summarizes the information regarding the Site and adjacent or nearby properties that is contained in the standard and additional environmental record sources reviewed by Roux in accordance with ASTM Standard Practice E1527-13.

5.1 Environmental Database Review

Roux used a computerized environmental database and radius map report prepared by EDR to conduct a government records database search of properties of potential environmental concern within a maximum of one-mile radius of the Site (Block 1617, Between Park and Madison Avenues). A total of 106 environmental databases were reviewed as part of this Phase I ESA. Appendix B contains a complete copy of the EDR Radius Map Report with GeoCheck. A summary of the pertinent results is provided in Table 3.1. Table 3.1 tabulates all of the search results with at least one environmental database entry.

Table 3.1 Environmental Database Listings						
Database	Site	<1/8 mile	1/8-1/4 mile	1/4-1/2 mile	1/2-1 mile	Total
RCRA-LQG	0	10	0	NR	NR	10
RCRA-SQG	0	2	4	NR	NR	6
RCRA-CESQ	0	6	6	NR	NR	12
NY LTANKS	0	5	16	41	NR	62
NY UST	0	2	12	NR	NR	14
NY AST	0	13	27	NR	NR	40
NY TANKS	0	2	0	NR	NR	2
NY SPILLS	0	28	NR	NR	NR	28
RCRA NonGen	0	62	107	NR	NR	169
NY DRYCLEANERS	0	3	3	NR	NR	6
NY E DESIGNATION	0	5	NR	NR	NR	5
NY MANIFEST	0	84	144	NR	NR	228
NJ MANIFEST	0	26	50	NR	NR	76
EDR MGP	0	0	0	1	3	4
EDR Historical Auto	0	3	NR	NR	NR	3
EDR Historical Cleaner	0	5	NR	NR	NR	5
NR – not reported						

The Site was not identified in any of the searched environmental databases, which appears to be inconsistent with the City Directory, which indicates Continental Cleaners and Tailors (presumably a dry cleaner) was present at 56 East 111th Street.

Off-Site properties that meet the criteria presented below are discussed in this report:

- Facilities located immediately adjacent to the Site are examined due to their close proximity to the Site and the potential for surface water discharges (e.g., stormwater runoff, surface water effluent discharges) to enter the Site or through the migration of groundwater or soil vapor.
- Facilities located topographically or hydraulically upgradient to the Site.

Groundwater flow direction is assumed to be southeast toward the Harlem River. Facilities that are located downgradient or cross gradient to the Site—but not immediately adjacent to the Site—are not discussed in this report because these facilities are considered to pose a low potential environmental concern to the Site. Several properties in the surrounding area were identified on the hazardous waste generator, manifest and spills databases in the EDR report. These listings pertain to utility vaults in the street or on the sidewalk immediately adjacent to the Site. However, due to the containment within the vault or *de minimis* nature of the spill incidents prohibiting groundwater contamination, these properties are not considered to be an environmental concern in relation to the Site.

The following property is not considered to be a REC in relation to the Site, but is discussed since it is located adjacent to or in very close proximity to the Site and was identified in one of the searched databases:

- The property identified as Lot 50, Tax Block 1616, located at 1665 Madison Avenue (immediately adjacent, hydraulically downgradient to the south/southwest; is listed on the following databases:
 - E-Designation database: According to information contained within the EDR report, the property has been identified as an E-Designation (E-206) for Air Quality and Window Wall Attenuation & Alternate Ventilation protocol. In order to address the E-Designation, site investigation guidelines provided by the New York City Office of Environmental Remediation (NYCOER), the governing agency overseeing New York City's E-Designation program, are required.

The following properties are considered to be RECs in relation to the Site, since they are located adjacent to or in very close proximity to the Site and were identified in one or more of the searched databases:

- The property identified as Madison Cleaners, Inc., located 1716 Madison Avenue (0.07 miles from the Site; hydraulically crossgradient to the north) is listed on the following database:
 - EDR Historical Cleaners database: The property was listed as operating as a drycleaner from 1991 through 2014.
- The property identified as Woojin Eastmore Cleaners, located 1325 5th Avenue (0.09 miles from the Site; hydraulically upgradient to the west northwest) is listed on the following database:
 - EDR Historical Cleaners database: The property was listed as operating as a drycleaner from 2011 through 2014.
- The property identified as 84 E 76, located at 84 East 111th Street (0.01 miles from the Site; immediately hydraulically downgradient to the south) is listed on the following database:
 - EDR Historical Auto database: The property was listed as operating as an auto service station from 2002 through 2005.
- The property identified as Eastmore Cleaners, located at 1330 5th Avenue (0.1 miles from the Site; upgradient to the west northwest) is listed on the following database:
 - EDR Historical Cleaners database: EDR Historical Cleaners database: The property was listed as potentially operating as a drycleaner from 2007 through 2013.

5.2 Freedom of Information Act Letter Responses

FOIA letters were submitted to the USEPA, NYCDEP, FDNY and NYCDOH in March 2018. A response has been received from USEPA. If any additional pertinent environmental information is received from the outstanding FOIA requests following the issuance of this report, Roux will provide a letter addendum to this report detailing this information. Information obtained from the Internet Databases and FOIA responses is included as Appendix C.

NYCDEP

Response pending.

USEPA

Response received, no records were available.

NYSDEC

Response pending.

NYSDOH

Response pending.

FDNY

Response pending.

NYCDOH

Response pending.

NYCDOF ACRIS

The NYCDOF ACRIS reportedly lists federal liens for a property, if any exist; no federal liens were listed for the Site. Several deeds related to the Site were reviewed; according to the most recent deeds, the current Site owner is New York City Housing Preservation and Development. No additional pertinent environmental information was found during the NYCDOF ACRIS database review.

NYCDOB BIS

According to the review of the NYCDOB BIS, several Certificates of Occupancy (C/Os) were available for review and are summarized as follows:

Date	Use
05/17/1922	Cellar: Stores 1 st Floor: Stores 2 nd through 5 th Floors: Tenements Tax Block: 1617, Tax Lot: 37 1546 Park Avenue
01/05/1917	1 st Floor, Front: Stores 1 st Floor, Rear: Tenement 2 nd through 5 th Floors: Tenements Tax Block: 1617, Tax Lot: 40 70 East 112 th Street

Date	Use
01/05/1917	1 st Floor, Front: Stores 1 st Floor, Rear: Tenement 2 nd through 5 th Floors: Tenements Tax Block: 1617, Tax Lot: 39 72 East 112 th Street
06/15/1962	Cellar: Boiler room and storage 1 st Floor: Store 2 nd through 4 th Floors: Two apartments per floor Tax Block: 1617, Tax Lot: 121 1677 Madison Avenue
08/18/1928	Cellar: Storage 1 st Floor: Store 2 nd Floor: Store 3 rd through 4 th Floors: Tenements Tax Block: 1617, Tax Lot: 122 1675 Madison Avenue

The NYCDOB BIS also contained information on past actions (e.g., permits and violations) executed at the Site. Violations related to boilers and unsafe building conditions were noted. No open violations are noted. Several permit applications were filed with the NYCDOB. The permit applications are related to new building construction, existing building demolition, alterations to existing buildings, oil burners, electrical sign installation and plumbing work.

6.0 SITE RECONNAISSANCE

Due to access issues, the Site reconnaissance could not be completed in a single visit. The findings of the most recent Site reconnaissance, conducted on March 16, 2018, is discussed below.

6.1 Utilities

No utilities servicing the Site were observed at the time of the Site reconnaissance.

6.2 Hazardous Substances

No hazardous substances were observed during the Site reconnaissance. Several five-gallon cans of paint and deicing products were observed in the sheds previously used by the gardeners. Several signs indicating that rat poison is applied were posted on the perimeter fence.

6.3 Storage Tanks

No tanks were observed during the Site reconnaissance. Several drums were noted in the areas that contained the community gardens, the drums were either empty or contained rainwater. In addition, three composting bins were observed, they contained grass clippings, leaf cuttings and hay.

6.4 Polychlorinated Biphenyls

No transformers were observed during the Site reconnaissance.

6.5 Staining and Stressed Vegetation

No staining or stressed vegetation was noted during the Site reconnaissance.

6.6 Drains and Sumps

No drains or sumps were observed during the Site reconnaissance.

6.7 Solid Waste

Solid waste is not currently generated at the Site. Waste generation and disposal practices for the community gardens is not known, although some trash, piles of unused building materials, and what appeared to be trash cans were observed during the Site reconnaissance.

6.8 Wastewater and Stormwater

Sanitary wastewater is not generated at Site. Stormwater run-off at the Site moves via sheet flow off-Site.

6.9 Wells

One groundwater monitoring well, installed by others during the geotechnical investigation, was observed at the Site. Two additional groundwater monitoring wells were also installed by others during the geotechnical investigation; however, they were not observed at the time of the Site reconnaissance.

7.0 INTERVIEWS AND USER PROVIDED INFORMATION

Roux incorporated interviews and a completed questionnaire provided by the User to complete this Phase I ESA. Information obtained from these sources was detailed throughout this report in various sections, as appropriate. Pertinent findings from these sources are summarized in the following sections.

7.1 Interviews

Roux was unable to conduct an interview with a Key Site Representative.

7.2 User Questionnaire

Roux provided a questionnaire to Ms. Sabrina Barker (User) of SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC on March 31, 2017, regarding information for the Site. Roux has received the completed questionnaire. Based on the information provided in the questionnaire, Roux did not identify Recognized Environmental Conditions at the Site. The completed questionnaire is provided in Appendix J.

8.0 Summary of FINDINGS

Based on the information gathered as a result of the Phase I ESA process, Roux has identified the following RECs in connection with the Site:

- Historical on-Site Usage: As indicated by the Certified Sanborn Fire Insurance maps, a portion of the Site was identified as a “Chinese Laundry” from at least 1911 to 1979 and a portion of the Site contained paint stores from at least 1939 to 1951. In addition, as indicated by the City Directory, the Site formerly contained printers and dental offices which may indicate the use of hazardous materials. These historical operations may have potentially impacted the quality of the subsurface soil, soil vapor and/or groundwater beneath the Site. Noted operators/tenants of the Site included Jack Falit Real Estate and Insurance, Sanchez Luncheonette, Democratic Council for the Eighteenth Congressional District, Lopez Tropical Products, Continental Tailors & Cleaners, Frank Cohen Printer, White Printer Department, Hyman Furrier, Globe Confectionary Supply Company, Park Avenue Banana Company and Hernando Contreras Shoes.
- Past use of adjacent and upgradient properties: As detailed in the environmental database report, an adjacent property to the north/northwest located within close proximity to the Site operated as a dry cleaning facility in the past. The immediately adjacent property to the south, operated as an auto service station in the past. As detailed in the City Directory, nearby properties also included dental offices and paint shops. These historical operations may have potentially impacted the quality of the subsurface soil, soil vapor and/or groundwater beneath the Site through on-Site migration of contaminants.

The following Business Environmental Risks (BERs) were identified regarding the Site:

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

Roux has identified the following insignificant data gaps in the information developed as part of the inquiry that affected the ability of the environmental professional to identify conditions indicative of releases at the Site:

- Awaiting responses FOIA requests from the NYCDOH, NYSDEC, NYSDOH, FDNY and NYCDEP pertaining to the Site. If any pertinent information is obtained from responses to outstanding FOIA requests regarding the Site, Roux will prepare a letter addendum summarizing these findings.
- Roux was unable to conduct an interview with a knowledgeable Site representative. This is considered insignificant since the community gardens and baseball field are no longer being used and are completely fenced.

9.0 REPORT ASSUMPTIONS AND LIMITATIONS

This Phase I ESA Report, including the exhibits attached hereto, describes the results of Roux' initial investigation to identify the potential presence of RECs involving or affecting the Site in accordance with ASTM Standard Practice E1527-13. This Phase I ESA was conducted by Roux in accordance with the regulatory requirements for conducting AAI as set forth in the USEPA AAI Rule, at 40 CFR Part 312. Specifically, the preamble to the AAI Rule states:

*"In today's final rule, EPA is referencing the standards and practices developed by ASTM International and known as Standard E1527-13 (entitled "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process") and recognizing the E1527-13 standard as consistent with today's final rule. The Agency determined that this voluntary consensus standard is consistent with today's final rule and is compliant with the statutory criteria for all appropriate inquiries. Persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-13 standard to comply with today's final rule."*⁴

One of the requirements that a person acquiring real property must meet in order to qualify for either the innocent landowner, contiguous owner, or bona fide prospective purchaser (collectively hereinafter "Prospective Purchaser") defense to liability under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), is that person must conduct all appropriate inquiry in conformance with the AAI Rule (or the ASTM E1527-13) prior to acquisition of the property. SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC understands that, under the AAI Rule, Roux' performance of the Phase I ESA in accordance with ASTM E1527-13 will not alone result in SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC satisfying all requirements of the AAI Rule and provide a defense to CERCLA liability.

SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC understands that the AAI Rule also requires that the Prospective Purchaser undertake certain additional inquiries and post-acquisition activities to satisfy the CERCLA AAI requirements. **ACCORDINGLY, ROUX MAKES NO GUARANTEES OR WARRANTIES, EXPRESSED OR IMPLIED, REGARDING THIS PHASE I ESA, INCLUDING WITHOUT LIMITATION, ANY WARRANTY THAT THIS PHASE I ESA WILL IN FACT QUALIFY THE CLIENT FOR A DEFENSE TO CERCLA LIABILITY.**

Roux has performed this Phase I ESA in a professional manner using the degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Professional judgments expressed herein are based on the facts currently available to Roux.

The AAI Rule requires, and the conclusions and recommendations stated herein, represent the application of a variety of engineering and technical disciplines to material facts and conditions associated with the Site. As such, these conclusions and recommendations are based on subjective interpretations and the exercise of discretion. Many of these facts and conditions are subject to change over time. Accordingly, the conclusions and recommendations must be considered within this context.

SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC understands that Roux will not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the Phase I ESA was performed. To the extent practicable, Roux has identified data gaps and has evaluated the potential significance of such data gaps. Recommendations to address those data gaps are presented herein and are based on the data available at the time of the performance of the Phase I ESA. Implementation of the recommendations may not fully address the data gaps as the information obtained from execution of those recommendations may alter or modify the interpretation of the site conditions and conclusions regarding the data gaps.

It should be noted that Roux has not conducted any intrusive activities on the Site and is relying on information presented by others, often in preliminary, draft, or verbal form. By referencing this information, Roux does

⁴ Federal Register: November 1, 2005 (Volume 70, Number 210) Page 66081.

not accept responsibility for the accuracy of the underlying data, sampling methods, laboratory analysis, or documentation.

This Phase I ESA Report should not be considered a legal interpretation of existing environmental laws and regulations. The Phase I ESA was conducted with a reasonable degree of inquiry to identify significant RECs, but uncertainty is not eliminated. No Phase I ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The Phase I ESA process is intended to reduce, but not eliminate, the uncertainty involved with identifying RECs.

This Phase I ESA Report is not an appraisal or value judgment of the Site. SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC understands that Roux shall not be liable for any use of the Phase I ESA Report as an appraisal or value judgment of the Site.

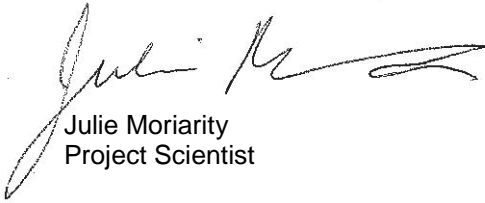
The Phase I ESA Report has been prepared for the exclusive SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC for specific application to the Site covered by the Phase I ESA Report. SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC understands that any third-party use of this Phase I ESA Report is the sole responsibility and at the sole liability of SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 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 on 40 CFR 312.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Handwritten signature of Julie Moriarity in black ink, featuring a stylized, cursive script.

Julie Moriarity
Project Scientist

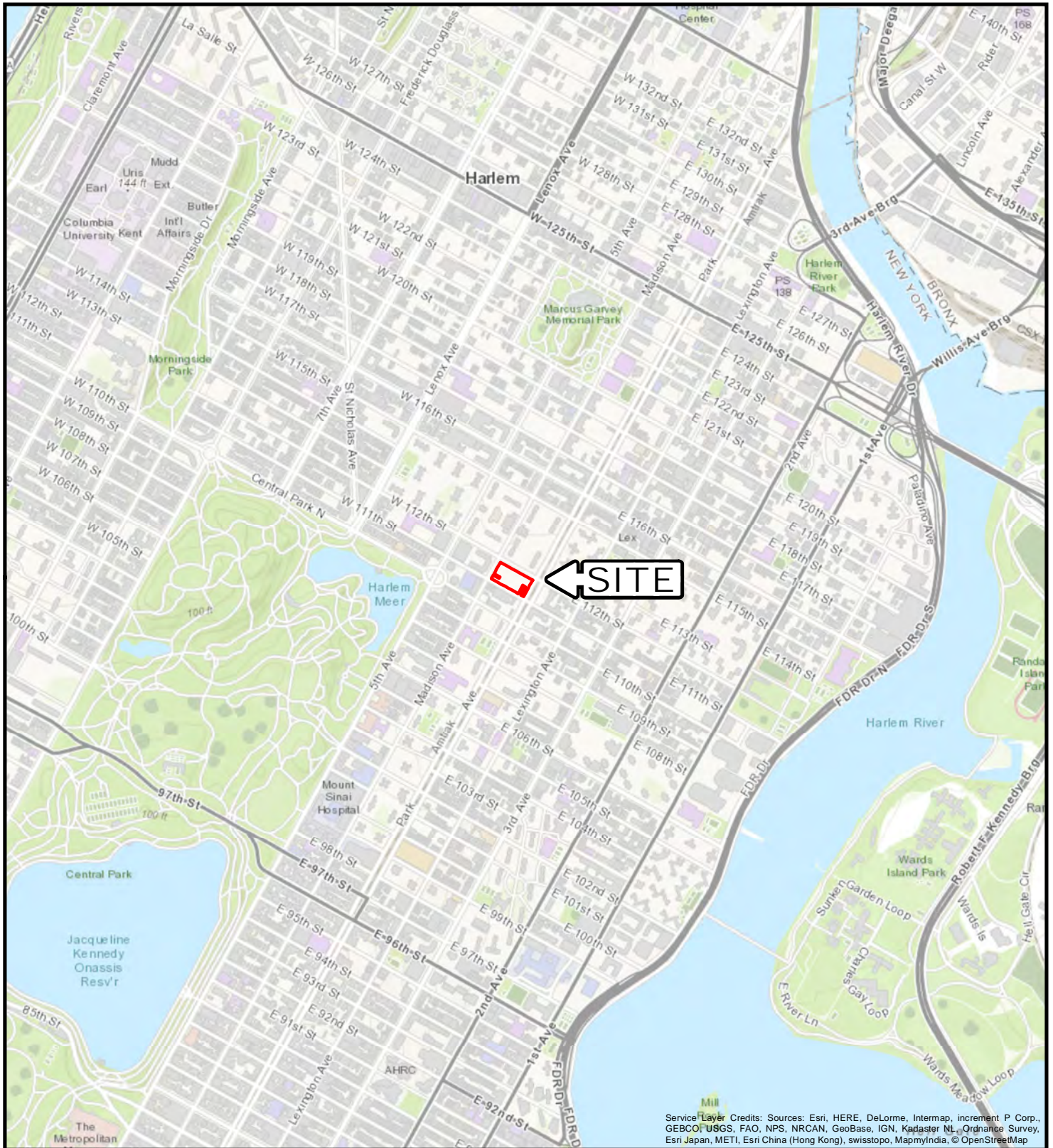
Handwritten signature of Joseph Duminuco in black ink, featuring a stylized, cursive script.

Joseph Duminuco
Principal Hydrogeologist/
Vice President

Phase I Environmental Site Assessment
Block 1617, Lot 20, East Harlem, NY

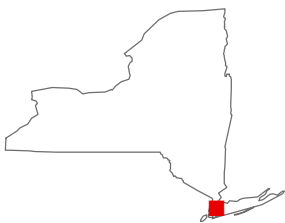
FIGURES

1. Site Location Map
2. Site Plan



Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap

QUADRANGLE LOCATION



750 0 750 Feet

Title:

SITE LOCATION MAP

SENDERO VERDE
REDEVELOPMENT PROJECT

Prepared For: SV-A OWNERS LLC
SV-B OWNERS LLC, SV-C OWNERS LLC

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

Compiled by: J.M.	Date: 02FEB18
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: J.M.	Project: 2984.0001Y000
File: 2984.0001Y100.1.mxd	

FIGURE

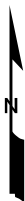
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LEGEND

 SITE BOUNDARY



Title:

SITE PLAN

SENDERO VERDE
REDEVELOPMENT PROJECT

Prepared For: SV-A OWNERS LLC
SV-B OWNERS LLC, SV-C OWNERS LLC



Compiled by: J.M.	Date: 02FEB18	FIGURE 2
Prepared by: M.S.R.	Scale: AS SHOWN	
Project Mgr: J.M.	Project: 2984.0001Y000	
File: 2984.0001Y100.2.mxd		

APPENDICES

- A. Professional Profiles
- B. Federal and State Environmental Databases
(Provided on CD with Bound Copy)
- C. Freedom of Information Law Letters and Responses
- D. Certified Sanborn Fire Insurance Maps
- E. Historical Aerial Photographs
- F. Historical Topographic Maps
- G. City Directory Abstract
- H. Environmental Lien Search and Activity Use Limitations
- I. Site Photographs
- J. User Provided Information

APPENDIX A

Professional Profiles

Julie A. Moriarity Project Scientist

Technical Specialties:

Design, implementation and management of remedial investigations and Phase I and Phase II Environmental Site Assessments, New York State Brownfields Cleanup Program, New York City Office of Environmental Remediation Voluntary Cleanup Program. Field Management for large-scale soil excavation projects, including site assessment, remediation implementation and construction activities.

Experience Summary:

Six years' experience including Project Scientist and Staff Scientist at Roux Associates, Project Scientist at Enviroscience Consultants, Project Manager and Estimator for Water Treatment at Philip Ross Industries.

Credentials:

Binghamton University, State University of New York,
Bachelor of Science, Environmental Sciences,
December 2009

OSHA 40-hour HAZWOPER Training

LIRR Track Safety Training

AMTRAK Contractor Safety and Security Training

Key Projects

- LA Central – Project Manager for the redevelopment of a 4.1 acre site located in the Bronx. Redevelopment plans include a multi-phase, mixed-use affordable housing development offering 992 apartments. Roux Associates completed a Phase I and Remedial Investigation at the site which identified historic fill and chlorinated hydrocarbons in groundwater. A restrictive declaration had been previously assigned to the site and the client initially opted to go through NYCOER's Voluntary Cleanup Program to address the RD, and we started that process by submitting a Phase II WP to NYCOER. However; changes were made to the New York State Brownfield Cleanup Program that made the BCP an attractive option for this site and, therefore, we have changed course and are now enrolled in the NYS BCP.
- Bernstein Real Estate: Project Manager for an E-Designation and Spills site located in Midtown Manhattan, which included the completion of Phase I and Phase II investigations and LNAPL delineation. The Site is enrolled in the NYCOER VCP and all investigation and remedial activities were completed in accordance with NYCOER and NYSDEC Spill Program guidelines.

- Project Manager for an E-Designation site located in the West Village of Manhattan, which included the completion of a Phase I and Remedial Investigation. The proposed remedy will include excavation and installation of a vapor barrier prior to the redevelopment of the Site. The Site is enrolled in the NYCOER VCP and all investigation and remedial activities were completed in accordance with NYCOER VCP guidelines.
- Project Manager for a Phase I and Phase II Environmental Site Assessment. Project included a Phase II site investigation that included sampling to delineate and identify the source of a PCE plume beneath the Site.
- Syosset Park – Field Manager for supplemental soil sampling investigation at a large and complex NYS BCP Site located in Nassau County. The Site has an extensive environmental history, including former use as a wire and conduit manufacturer (former NYS Inactive Hazardous Waste Site), former landfill (currently a Federal Superfund site), and town DPW facility.
- Performed numerous Phase I Environmental Site Assessments for due diligence in connection with property transfers for the Metro New York Area. A majority of properties included commercial properties, former retail gasoline stations, and office buildings.
- Staff Scientist/Field Manager for underground storage tank (UST) discovery, inventory, and removal. Field responsibilities involved subcontractor oversight for excavation and removal of UST, tank cleaning and waste management.
- Staff Scientist responsible for implementation of CAMP and SWPPP. Intrusive activities included soil and sediment excavation and trucking. In addition to CAMP activities, assisted project manager and construction manager with contractor oversight, material review, health and safety oversight, and daily reporting.

**Julie A. Moriarity
Project Scientist**

- Staff Scientist responsible for Phase II Site Assessment and preparation of investigation reports for soil boring installation, monitoring well installation and corresponding soil, soil vapor and groundwater sampling.
- Staff Scientist responsible for bi-annual soil vapor monitoring program for a former petroleum refinery and terminal in Brooklyn, New York. Field work included the sampling and screening of over 100 permanent soil vapor monitoring points for soil vapor intrusion monitoring.
- Field Manager for the completion of quarterly groundwater investigations for a former asphalt facility in Medford, New York.
- Experience in municipal projects which entailed major scheduling, purchasing, on-site work coordination, RFIs, change orders, knowledge of the construction process, and the equipment used in the water treatment industry. Projects include Bethpage Water District – Construction of New Pump Station; Hicksville Water District – Wellhead Treatment for VOC Removal; Roslyn Water District – VOC Treatment; Garden City Park – VOC Treatment

Joseph D. Duminuco, P.G. Executive Vice President / Principal Hydrogeologist

Technical Specialties

Providing environmental consulting services and strategic planning to the real estate industry focused on Brownfield Redevelopment projects. Investigation and remediation of soil, groundwater, and soil vapor at commercial and industrial sites, focusing on the use of innovative solutions.

Experience Summary

Thirty-one years of experience: Executive Vice President, Vice President, Practice Area Leader, Office Manager, Principal, Senior and Project Hydrogeologist at Roux Associates; Staff Hydrogeologist at Geraghty & Miller; and Geologist at Mueser Rutledge Consulting Engineers.

Credentials

M.S. in Geology, Wright State University, 1990

B.S. in Geology, Hofstra University, 1983

Licensed Professional Geologist, NY (License No. 000119)

Presentations

Environmental Law in Real Estate Transactions – Working With Technical Professionals; Hofstra University Law School, January 13, 2013

Duminuco J., Coyle F. Property Redevelopment and Brownfield Sites. Proceedings of the 11th Annual Environmental Law Conference; ISBA Conference; 2012 May

Duminuco J. Transactions and the Environment: Contaminated Property Issues in Real Estate and Corporate Matters; New York State Bar Association; Tarrytown, NY; 2006 June

Key Projects

- Principal-in-Charge of a NYSDEC BCP redevelopment of a property adjacent to a dry cleaning solvent distribution facility in Brooklyn, New York. The site was a former freight railyard, and offloading spillage on site and migration from the off-site solvent facility resulted in significant soil, groundwater, and vapor contamination with chlorinated VOCs. The site was developed into multifamily units with first floor retail use and the remedy consisted of soil hot spot removal, a physical barrier to limit on site migration, a permeable reactive wall to eliminate off site migration, hot-spot *in situ* injections, and a sub-slab depressurization system.
- Principal-in-charge of a NYSDEC BCP redevelopment project that also required a RCRA compliant facility closure. The site is a former paint factory located in Queens, New York. Historical site operations adversely impacted the subsurface including a LNAPL plume in addition to petroleum hydrocarbon impacts to the soil and groundwater. Roux Associates completed a RI at the site which characterized the nature and extent of the impacts. The remedial action included a large excavation that required SOE and was completed under a tent due to odor concerns, multiple ISCO injections, UST removal/abandonment, installation of a LNAPL recovery system, and installation of an SSDS. Additionally, Roux Associates provided oversight of RCRA closure activities at the site which included emptying, cleaning, and scrapping 65 ASTs/vessels, decontaminating the ceilings, walls and floors of the Paint Factory Building and collection of compliance samples.
- Principal-in-Charge for the NYSDEC BCP redevelopment of a multi-parcel site located in the Bronx, New York. Redevelopment plans include a multi-phase, mixed-use affordable housing development offering 992 apartments. Other agencies involved include NYCDEP, NYCHPD, MTA and NYCOER. The site is primarily contaminated by historic fill and the primary remedy will be a site cover system.

- Principal-in-charge of a NYSDEC VCP redevelopment of a former MGP site into a Big Box retail site in Brooklyn, New York. Project consisted of negotiations with NYSDEC and Roux limited remediation to former gasholders filled with coal tar, soil hot spots with mobile coal tar and perimeter containment of coal tar. All the remaining soil at the site was impacted with MGP waste and most of the site was underlain by liquid coal tar. Roux negotiated use of institutional/engineering controls to allow significant contamination to remain in place. A sub-slab depressurization system and vapor barrier was installed to address the mobile coal tar left below the retail building.
- Principal-in-Charge for a NYSDEC BCP redevelopment project at a site in White Plains, New York, which consists of 16 separate parcels spanning 4.5 acres and had a variety of former uses including automotive service/repair and multiple dry cleaners. The site has both chlorinated and petroleum hydrocarbon impacts to the soil and groundwater. The remedy will consist of a site cover system, soil hot spot removals, *in situ* chemical oxidation for groundwater contamination and installation of a sub-slab depressurization system.
- Principal-in-Charge for ongoing large and complex mixed-use redevelopment of a 92-acre Site located in Long Island, New York. The site was accepted into the NYSDEC BCP. The Site has an extensive environmental history, including former use as a wire and conduit manufacturer (former NYS Inactive Hazardous Waste Site), former landfill (currently a Federal Superfund site), and town DPW facility. Activities completed including compiling, reviewing, extracting, and summarizing numerous historical environmental reports prepared for the site, interacting with NYSDEC, USEPA, NCDOH, completing a supplemental soil investigation (including extensive use of XRF Technology as metals are the compound of concern) and a groundwater investigation (water is over 100 feet deep). The remedy will consist of hot spot removals, a site cover system and a sub-slab depressurization system.
- Principal-in-Charge for a NYSDEC BCP redevelopment in Staten Island, New York of a former retail service station site. There is soil, groundwater, and vapor contamination from petroleum-related constituents in the vicinity of the former gasoline piping and pump island (the petroleum source area), as well as historic fill across the entire site. The remedy, described in the Remedial Action Work Plan prepared by Roux, will consist of a sheet pile containment wall around the petroleum source area, a Site Cover System across the entire site, comprised of concrete building slab/walkways, asphalt parking areas and limited landscaped areas and site-wide a sub-slab depressurization system to prevent vapor intrusion into the proposed retail building and offsite migration of impacted soil vapor
- Principal-in-Charge of a mixed-use (public school and residential) Brownfield redevelopment in lower Manhattan, New York. Project consisted of a Phase I and a Phase II ESA to satisfy NYCDEP requirements. Due to the presence of contaminated historic fill Roux performed *in situ* waste characterization to assist in the development of NYCDEP-required plans. In addition, Roux provided oversight of the waste removal, completion of waste manifests, and full-time CAMP during all soil moving activities. Roux provided support to excavation contractor when two previously unknown USTs were discovered during excavation activities.

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- Principal-in-Charge of a multi-phased NYSDEC VCP redevelopment of a former Defense Site to water front, upscale housing in Long Island, New York. This investigation included determining the nature and extent of chlorinated VOCs in soil, groundwater, and vapor- phase contamination onsite and offsite. Utilized a risk assessment to argue the level of residual contamination allowed to remain onsite with an intended residential future use. Remedial alternatives were selected in accordance with future development plans and institutional/engineering controls were proposed to limit cleanup costs. Successfully argued the technical impracticability of remediation of the heavily contaminated deeper aquifer beneath the site and offsite.
- Principal-in-Charge of a retail/commercial redevelopment in the Bronx, New York. The site contained a NYCDEP E-Designation due to a previous onsite service station UST release. In addition, a previous Phase I and Phase II ESA identified a former dry cleaner with a chlorinated VOC release. Roux performed a focused Phase II ESA at the dry cleaner and determined the chlorinated solvent release was not a hazard. Roux obtained closure under the NYSDEC Spills group and the site was redeveloped with a restaurant, a pharmacy, and re-use of a former supermarket.
- Principal-in-Charge of the redevelopment and expansion of an automobile dealer/service center in New York, New York into the US Flagship dealer for a major European luxury car manufacturer. Supported client and legal team during lease negotiations. Worked closely with NYCOER to address NYCDEP "E" designation. Coordination with NYCOER to implement remedial investigation and develop a site materials management plan as part of the expansion. Also, worked closely with NYSDEC to address an on-site spill, as well as coordinate efforts to evaluate whether a 19,000-gallon dielectric fluid release by others impacted the site.
- Principal-in-Charge for the completion of Phase I and Phase II Environmental Site Assessment activities associated with a proposed mixed use redevelopment located in Westchester, New York waterfront. Work included management of subsurface investigation activities to characterize soil conditions, and working closely with client's architects and construction contractors to integrate the proposed site remediation into the project development plan (including evaluating multiple potential disposal scenarios). Site contaminants included hydrocarbons (including free-product plume from former USTs), and historic fill constituents.
- Principal-in-Charge of an 80-acre redevelopment in Yonkers, New York. Work included Phase I and Phase II investigations, asbestos surveys and abatement support and response to a free product impact form an adjacent landowner. Coordinated with NYSDEC and responsible party to address contamination issue and not impact client's construction schedule.
- Principal-in-Charge for the redevelopment of a property in Brooklyn, New York into supportive housing. Worked closely with NYCOER to address NYCDEP "E" designation. Coordination with NYCOER to implement remedial investigation and develop RAP/CHASP as part of the NYC VCP.
- Principal-in-Charge for the redevelopment of a property in the Bronx, New York into supportive housing. Worked closely with NYCDEP to address "E" designation. Coordination with NYCDEP to implement remedial investigation and develop RAP/CHASP as part of the redevelopment. Also performed an ASTM VEC to address vapor concerns.
- Principal-in-Charge of a NYSDEC BCP cleanup in Brooklyn, New York at a mixed use multifamily housing/neighborhood retail complex with an onsite dry cleaner. There is soil, groundwater, and vapor contamination from chlorinated VOCs from the former onsite dry cleaner as well as groundwater contamination from offsite dry cleaners. The remedy will consist of hot spot soil removal, SVE, *in situ* groundwater treatment and a negative pressure approach for vapor mitigation in the existing buildings.
- Principal-in-Charge of a Brownfield Redevelopment for a large vacant parcel (460 acres) on Long Island. The project involved an extensive investigation, UST, and PCB remediation; removal and proper disposal of numerous tanks, drums, abandoned vehicles and transformers; and participation in contentious public meetings. The site was redeveloped into a golf course and a senior care facility.
- Principal-in-Charge for a property transfer support project at a heavily contaminated (chlorinated volatile organic compounds form an adjacent dry cleaner and on site MGP waste) distribution facility in the Bronx, New York. The site was a former MGP being handled under the VCP in addition to an open petroleum spill under the regional spills group. Roux performed a Phase I for the buyer, a Phase II and remedial cost estimate for the owner and negotiated with the buyer's consultant and NYSDEC to limit the scope of the investigation and cleanup.
- Principal-in-Charge of investigation and remediation of a catastrophic heating oil release for a commercial office building in Brooklyn, New York. All work was performed under the oversight of the NYSDEC Spills Group and time was of the essence for the initial response as the heating season was fast approaching. Roux performed free product delineation and remediation and indoor air monitoring at adjacent buildings. Site closure was obtained from NYSDEC.
- Principal-in-Charge of a mixed-use (residential, retail, commercial) Brownfield redevelopment in the Bronx, New York. Project consisted of a Phase I and Phase II ESA to satisfy NYCDEP requirements. The media investigated included soil, groundwater, soil vapor, and building materials. During the Phase II ESA, Roux performed preliminary *in situ* waste characterization.
- Principal-in-Charge of an interior Brownfield Redevelopment of a PCB, metals, and hydrocarbon contaminated wire manufacturing facility in Westchester County, New York into use as a movie studio. Activities included delineation and characterization of building surfaces, design of a remediation program and interim cleanups to allow studio use as the project progressed.
- Principal-in-Charge of multiple phases of Brownfield Project for construction of a cogeneration facility in Brooklyn, New York. Project consisted of: construction oversight; environmental compliance monitoring; asbestos and lead paint abatement oversight; data evaluation and report preparation; soil, offshore sediment, and sewer effluent sampling; PCB-contaminated material remediation; preparation of a waste handling and disposal plan; and permitting.
- Principal-in-Charge of multiple retail developments in Harlem, New York. Work included Phase I and Phase II investigations to satisfy NYCDEP and lender requirements. Lead based paint

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and asbestos surveys were performed as part of due diligence. Extensive asbestos issues were identified in building materials and soil backfill. Worked with asbestos contractors to determine best abatement approaches for the redevelopments.

- Principal-in-Charge of a fast-paced property transfer environmental assessment at an electronics manufacturing facility contaminated with metals and solvents in Bridgeport, Connecticut. Project consisted of the development and implementation of a detailed field sampling plan within a one-week time frame: indoor and outdoor soil sampling and monitoring well installation; groundwater and sewer effluent sampling; asbestos survey and asbestos sampling; and a tidal influence assessment. Data was evaluated and a summary report was prepared within one week and a remedial alternatives evaluation and cost estimate was prepared in less than one week.
- Principal-in-Charge of a multi-phase RI/FS at a PCB and diesel-fuel contaminated railroad yard in New York City. The Site is on the state superfund list because PCBs were detected in soil, groundwater, hydrocarbon plume, sewer water and sewer sediment. Responsibilities include: preparation of work plans; delineation of PCB hot spots with immunoassays; sewer investigation including pumpouts, monitoring, flow measurements and video surveys prior to abandonment; investigation and remediation of numerous USTs including gasoline, solvents and fuel oils; support of construction activities; report preparation; negotiations with the NYSDEC/NYSDOH; participation in public meetings; and implementation of interim remedial measures to mitigate the PCB-contaminated hydrocarbon plume; interim remedial measures to mitigate PCB, PAH and lead contaminated soil hot spots; and agency acceptance of alternate cleanup levels for site soils that resulted in savings of over \$80 million.
- Project Coordinator of multi-year environmental consulting contracts with Amtrak and New Jersey Transit. Responsibilities include contract negotiations, workload/resource distribution, compliance with contract requirements including utilization of M/WBE contractors, client-staff liaison, adherence to budgets and schedules, and overall quality assurance.
- Principal-in-Charge of project to support the construction of a high speed rail program. Performed Phase I and II Environmental Site Assessments as part of due diligence at three major railyards. Prepared reports and presentations regarding environmental conditions to regulatory agencies and the design-build consortium. Performed pre-construction sampling and hot spot remediation programs. Also, prepared environmental contingency plans for construction contractors to follow.
- Principal-in-Charge of an investigation at a PCB and solvent-contaminated transformer manufacturing/repair facility in North Carolina. Responsibilities include preparation of a work plan and oversight of the project which consists of soil borings and sampling, immunoassay testing, monitoring well installation, groundwater sampling, report preparation, and remedial alternatives evaluation.
- Principal-in-Charge of an NPL Superfund Site in Delaware. Responsibilities include: the on-going performance monitoring of a groundwater extraction system. The remedial system was installed to capture a chlorinated solvent plume emanating from a former PVC manufacturing facility. In addition, prepared and implemented an RI work plan for a USEPA-required off-site investigation of adjacent chemical manufacturing facilities and a large petroleum refinery. Also included DNAPL investigation and deep aquifer study.
- Principal-in-Charge of a NJDEP-ECRA/ISRA investigation and cleanup involving groundwater and soil contamination at a pesticide formulation and distribution facility in New Jersey. Responsibilities include: delineating the nature and extent of the off-site contaminant plume; determining groundwater flow patterns in a two-aquifer system; using a three-dimensional computer model to determine proper location for extraction and injection wells; and preparing work plans and summary reports for NJDEP-required additional delineation of the nature and extent of on-site soil contamination.
- Project Director of all UST investigative and remedial work performed at service station sites in New England for a major oil company. Responsibilities included: preparation and negotiation of work orders; coordination of monitoring and sampling; communication with client, regulator and site owner contacts; management of technical aspects of all projects; strategy evaluation with client; administration of all contracts and operation and maintenance of remediation systems to mitigate UST releases which included groundwater pump and treat, product recovery, and soil venting systems.
- Project Manager of an RI/FS at a former electronics manufacturing facility in an industrial area of Long Island. Metals and solvents (plating wastes) were detected in on-site leach pools and in soil and groundwater. Responsibilities include reviewing and revising the work plan and providing technical oversight of the project, including: Geoprobe® drilling; soil sampling; soil-gas surveys; leach pool sediment sampling; monitoring well installation; groundwater sampling; geophysical mapping; report preparation; and negotiations with NYSDEC. Convinced NYSDEC that groundwater remediation was inappropriate in an industrialized area. Focused remediation to a few soil hot spots only.
- Principal-in-Charge of a multi-year quarterly monitoring and reporting program at a municipal landfill complex on Long Island, New York. The complex consists of multiple landfills, leachate containment systems and leachate holding tanks. Project involves collection of water level and water-quality data from dozens of monitoring wells, sampling of leachate containment systems, coordination with contract laboratory, data validation, data evaluation and report preparation.
- Provided litigation support for an industrial property owner where a tenant's manufacturing operations had resulted in contamination of the building in addition to soil and groundwater. Without prior notification or consent from the owner, the tenant had conducted a Phase II investigation and remediation activities to address metals and VOCs. Reviewed technical reports and prepared a work plan to address areas for further investigation and perform confirmatory sampling in support of the owner of the property. Provided deposition testimony in connection with the case.

APPENDIX B

Federal and State Environmental Databases
(Provided on CD with Bound Copy)

1681 MADISON AVE
1681 MADISON AVE
NEW YORK, NY 10029

Inquiry Number: 5221202.2s
March 15, 2018

The EDR Radius Map™ Report



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

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

1681 MADISON AVE
NEW YORK, NY 10029

COORDINATES

Latitude (North):	40.7968140 - 40° 47' 48.53"
Longitude (West):	73.9462010 - 73° 56' 46.32"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	588900.8
UTM Y (Meters):	4516524.5
Elevation:	18 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940599 CENTRAL PARK, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150729, 20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1681 MADISON AVE
NEW YORK, NY 10029

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CON EDISON SERVICE B	1691 MADISON AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1 ft.
A2	CON EDISON SERVICE B	1683 MADISON AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1 ft.
B3	CON EDISON	OPP 91 E 111TH ST	NY MANIFEST	Lower	1 ft.
A4	CON EDISON SERVICE B	1677 MADISON AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1 ft.
A5	VAULT #5033	1695 MADISON AV	NY Spills	Higher	1 ft.
A6	CON EDISON SERVICE B	63 E 111TH ST FRONT	RCRA-CESQG, FINDS, ECHO, NY MANIFEST	Lower	1 ft.
B7	CON EDISON - SERVICE	1564 PARK AVE AND W.	RCRA-LQG, NY MANIFEST, NJ MANIFEST	Lower	1 ft.
B8	CRP 88 EAST 111TH ST	88 EAST 111 STREET	NY AST	Lower	44, 0.008, South
A9	CON EDISON SERVICE B	1699 MADISON AVE	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	44, 0.008, NNW
B10	NYCHA	65 E 112TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	47, 0.009, ENE
A11	CON EDISON	MADISON AVE & E 112T	RCRA NonGen / NLR, FINDS, ECHO	Higher	50, 0.009, NNW
A12	CON EDISON	MADISON AVE & E 112T	NY MANIFEST	Higher	50, 0.009, NNW
A13	CON EDISON	MADISON AVE & E 112T	NJ MANIFEST	Higher	50, 0.009, NNW
A14	VAULT 2349	MADISON/E 112TH ST	NY Spills	Higher	66, 0.013, NNW
A15	LOT 50,TAXBLOCK 1616	1665 MADISON AVENUE	NY E DESIGNATION	Lower	71, 0.013, WSW
B16	CON EDISON MANHOLE:	E 111TH ST & PARK A	RCRA NonGen / NLR	Lower	76, 0.014, SE
B17	84 E 76 111TH	84 E 111TH ST	EDR Hist Auto	Lower	79, 0.015, South
B18	CON EDISON SERVICE B	74 E 111TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	79, 0.015, SSW
B19	ROAD INTERSECTION	E. 112 TH ST AND PAR	NY Spills	Lower	82, 0.016, East
A20	CON EDISON MANHOLE:	1696 MADISON AVE	NJ MANIFEST	Higher	83, 0.016, NW
A21	CON EDISON MANHOLE:	1696 MADISON AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	83, 0.016, NW
A22	CON EDISON SERVICE B	1688 MADISON AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	84, 0.016, NW
B23	LOT 141,TAXBLOCK 161	86 EAST 111 STREET	NY E DESIGNATION	Lower	96, 0.018, South
B24	LOT 38,TAXBLOCK 1616	94 EAST 111 STREET	NY E DESIGNATION	Lower	96, 0.018, South
A25	E2MIS 157505	28 E. 112TH ST	NY Spills	Higher	115, 0.022, NW
C26	LOT 52,TAXBLOCK 1616	1661 MADISON AVENUE	NY E DESIGNATION	Lower	122, 0.023, WSW
B27	CON EDISON SERVICE B	1583 PARK AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	131, 0.025, ESE
B28	CON EDISON SERVICE B	1583 PARK AVE FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	131, 0.025, ESE
B29	METRO NORTH RAILROAD	PARK AVE AND E 110TH	RCRA-LQG, NY MANIFEST	Lower	205, 0.039, SE
D30	CON EDISON SERVICE B	112 E 111TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	277, 0.052, SE
E31	ROADWAY	MADISON AVE/EAST 113	NY Spills	Higher	281, 0.053, North
C32	TWO PINT RELEASE AT	35-43 110 STREET	NY Spills	Lower	297, 0.056, WSW
C33	CON EDISON	E 110TH ST & MADISON	NY MANIFEST	Lower	297, 0.056, WSW
C34	CON EDISON SERVICE B	E 110TH ST & MADISON	RCRA NonGen / NLR, FINDS	Lower	297, 0.056, WSW
F35	CON EDISON MANHOLE:	PARK AVE & 110TH ST	RCRA NonGen / NLR, FINDS	Lower	319, 0.060, South
F36	LOT 36,TAXBLOCK 1616	1516 PARK AVENUE	NY E DESIGNATION	Lower	326, 0.062, South
D37	CON EDISON - SERVICE	115 E 111 ST WEST OF	RCRA-LQG, NJ MANIFEST	Lower	327, 0.062, ESE
D38	CONSOLIDATED EDISON	115 E 111TH ST W OF	NY MANIFEST	Lower	327, 0.062, ESE
G39	CON EDISON	27 E 110TH ST	NJ MANIFEST	Lower	344, 0.065, WSW

MAPPED SITES SUMMARY

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1681 MADISON AVE
NEW YORK, NY 10029

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	CON EDISON	27 E 110TH ST	NY MANIFEST	Lower	344, 0.065, WSW
G41	CON EDISON	27 E 110TH ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	344, 0.065, WSW
C42	CENTRAL PARK/THE LAK	59TH ST/110TH ST	NY Spills	Lower	357, 0.068, SW
F43	ON ROADWAY	100 110TH STREET	NY Spills	Lower	365, 0.069, South
G44	CON EDISON	21 E 110TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	374, 0.071, West
G45	CON EDISON - SERVICE	21 E.110 ST	RCRA-LQG, NY MANIFEST	Higher	374, 0.071, West
G46	CON EDISON	21 E 110TH ST	NJ MANIFEST	Higher	374, 0.071, West
G47	BROTHERS CLEANERS	1644 MADISON AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	406, 0.077, WSW
G48	BROTHERS CLEANERS	1644 MADISON AV	EDR Hist Cleaner	Lower	406, 0.077, WSW
G49	BROTHERS/DYW CLEANER	1644 MADISON AVENUE	NY DRYCLEANERS	Lower	406, 0.077, WSW
E50	MADISON CLEANERS	1716 MADISON AVE	RCRA-SQG, ICIS, US AIRS, FINDS, ECHO, NY...	Higher	413, 0.078, North
E51	MADISON CLEANERS INC	1716 MADISON AVE	EDR Hist Cleaner	Higher	413, 0.078, North
H52	CON EDISON	125 E 112TH ST	NY MANIFEST	Lower	419, 0.079, ESE
E53	CON EDISON	1718 MADISON AV	NY MANIFEST	Higher	427, 0.081, North
D54	GREATER HIGHWAY DELI	132 EAST 111TH STREE	NY AST	Lower	443, 0.084, SE
G55	CON EDISON	12 E110 ST	NY MANIFEST	Higher	450, 0.085, WSW
G56	CON EDISON - SERVICE	12 E110 ST	RCRA-LQG	Higher	450, 0.085, WSW
G57	CON EDISON	10 E 110TH ST & 5TH	RCRA NonGen / NLR	Higher	453, 0.086, West
D58	CON EDISON	140 E 111 ST	NY MANIFEST	Lower	477, 0.090, SE
H59	138 EAST 112TH ST	138 EAST 112TH ST	NY Spills	Lower	495, 0.094, ESE
H60	132 EAST 112TH ST. L	138 EAST 112TH STREE	NY AST	Lower	495, 0.094, ESE
I61	WOOJIN EASTMORE CLEA	1325 5TH AVE STORE7	EDR Hist Cleaner	Higher	496, 0.094, WNW
F62	CON EDISON SERVICE B	1503 PARK AVE	RCRA NonGen / NLR, FINDS	Lower	496, 0.094, South
F63	CON EDISON	1503 PARK AVE	NY MANIFEST	Lower	496, 0.094, South
E64	CON EDISON	1730 MADISON AV	NY MANIFEST	Higher	509, 0.096, North
H65	PUBLIC SCHOOL 101 -	141 EAST 111TH STREE	NY AST	Lower	515, 0.098, SE
H66	NYC DEPT OF EDUCATIO	141 E 111TH ST	RCRA-SQG, NY MANIFEST	Lower	515, 0.098, SE
E67	CON EDISON SERVICE B	1733 MADISON AVE FRO	RCRA NonGen / NLR, NY MANIFEST	Higher	515, 0.098, NNE
J68	CON EDISON SERVICE B	132 E 110TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	525, 0.099, SSE
G69	RESIDENTIAL BUILDING	19-21 EAST 109TH ST	NY Spills	Lower	530, 0.100, WSW
G70	PVT DWELLING - TTF	19-21 EAST 109 ST	NY LTANKS	Lower	530, 0.100, WSW
G71	SOIL	19-21 EAST 109TH ST	NY Spills	Lower	530, 0.100, WSW
I72	CON EDISON	2 E 111TH ST VAULT 8	NY MANIFEST	Higher	531, 0.101, WNW
I73	CON EDISON	2 EAST 111TH ST	NY MANIFEST	Higher	531, 0.101, WNW
I74	CON EDISON VAULT: 89	2 E 111TH ST VAULT 8	RCRA NonGen / NLR, FINDS	Higher	531, 0.101, WNW
I75	VAULTS 8910, 8993, 9	2 EAST 111TH ST	NY Spills	Higher	531, 0.101, WNW
I76	CON EDISON VAULT: 90	2 E 111TH ST VAULT 9	RCRA NonGen / NLR, FINDS	Higher	531, 0.101, WNW
I77	CON EDISON	2 E 111TH ST VAULT 9	NY MANIFEST	Higher	531, 0.101, WNW
F78	MANHOLE 42025	E 109TH ST & PARK AV	NY Spills	Lower	531, 0.101, South

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1681 MADISON AVE
NEW YORK, NY 10029

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G79	SPILL NUMBER 0103835	23-27 EAST 109TH ST	NY LTANKS	Lower	533, 0.101, WSW
K80	CON EDISON SERVICE B	55 E 109TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	533, 0.101, SW
K81	CON EDISON	73 E 109TH ST E MADI	RCRA NonGen / NLR, NY MANIFEST	Lower	533, 0.101, SSW
D82	137 EAST 110 LLC	137 EAST 110TH STREE	NY TANKS	Lower	534, 0.101, SE
K83	CON EDISON	77 E 109TH ST W OF P	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	534, 0.101, SSW
G84	BASEMENT	19-21 E 109TH ST	NY Spills	Lower	537, 0.102, WSW
G85	ALL AMERICAN SVCE ST	19 E 109TH ST	EDR Hist Auto	Lower	537, 0.102, WSW
G86	MULTIPLE DWELLING	19-21 EAST 109TH STR	NY AST	Lower	537, 0.102, WSW
G87	MANHATTAN CASTLE OIL	23 EAST 109TH ST	NY LTANKS	Lower	538, 0.102, WSW
G88	23 E 109 ST	23 EAST 109TH STREET	NY AST	Lower	538, 0.102, WSW
I89	CON EDISON - SERVICE	E 111 ST AND FIFTH A	RCRA-LQG, NJ MANIFEST	Higher	545, 0.103, WNW
I90	CON EDISON - MANHOLE	5TH AVE & 111 ST	NY MANIFEST	Higher	545, 0.103, WNW
I91	CONSOLIDATED EDISON	E 111TH ST & FIFTH A	NY MANIFEST	Higher	545, 0.103, WNW
I92	CONSOLIDATED EDISON	WEST 112 ST & 5TH AV	NY MANIFEST	Higher	550, 0.104, NW
I93	CON EDISON MANHOLE:	E 5TH AVE & 112TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	550, 0.104, NW
I94	CON EDISON	W 112TH ST & 5TH AVE	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	550, 0.104, NW
K95	CON EDISON	E MADISON AVE & 109T	NY MANIFEST	Lower	553, 0.105, SW
K96	CON EDISON MANHOLE 5	E 109TH & MADISON AV	NJ MANIFEST	Lower	553, 0.105, SW
K97	CON EDISON MANHOLE 5	E 109TH & MADISON AV	RCRA NonGen / NLR, NY MANIFEST	Lower	553, 0.105, SW
K98	CON EDISON	E MADISON AVE & 109T	RCRA NonGen / NLR	Lower	553, 0.105, SW
K99	CON EDISON	E MADISON AVE & 109T	NJ MANIFEST	Lower	553, 0.105, SW
K100	CON EDISON MANHOLE 5	E 109TH ST & MADISON	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	553, 0.105, SW
K101	CON EDISON MANHOLE 5	E 109TH ST & MADISON	RCRA NonGen / NLR, NY MANIFEST	Lower	554, 0.105, SW
K102	CON EDISON	E 109TH ST BTWN 5TH	RCRA NonGen / NLR, ECHO	Lower	554, 0.105, SW
F103	CON EDISON SERVICE B	E 109TH ST & PARK AV	RCRA NonGen / NLR, NY MANIFEST	Lower	555, 0.105, South
J104	137 EAST 110 LLC	139 EAST 110TH STREE	NY TANKS	Lower	556, 0.105, SE
K105	CON EDISON - SERVICE	23 EAST 109TH STREET	RCRA-LQG, NY MANIFEST, NJ MANIFEST	Lower	563, 0.107, SW
H106	CON EDISON SERVICE B	1806 LEXINGTON AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	563, 0.107, ESE
H107	SOIL	1810 LEXINGTON AVE	NY Spills	Higher	568, 0.108, ESE
H108	1800 LEXINGTON AVE	1800 LEXINGTON AVE	NY AST	Lower	569, 0.108, ESE
H109	CON EDISON SERVICE B	1812 LEXINGTON AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	570, 0.108, ESE
I110	CON EDISON SERVICE B	6 W 112TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	572, 0.108, NW
K111	CON EDISON SERVICE B	68 E 109TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	573, 0.109, SSW
I112	CON EDISON SERVICE B	5 W 112TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	574, 0.109, NW
G113	CON EDISON SERVICE B	11 E 109TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	574, 0.109, WSW
H114	CON EDISON - SERVICE	115 E. 112 ST AND LE	RCRA-LQG, NY MANIFEST, NJ MANIFEST	Lower	576, 0.109, ESE
L115	NYCHA - TAFT HOUSES	1740 MADISON AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	578, 0.109, North
L116	HOUSING PROJECT	1740 MADISON AVE	NY Spills	Higher	578, 0.109, North
L117	TAFT HOUSES -NYCHA	1740 MADISON AVENUE	NY LTANKS, NY Spills	Higher	578, 0.109, North

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
M118	CON EDISON SERVICE B	E 111TH ST & LEXINGT	NJ MANIFEST	Lower	583, 0.110, SE
M119	CON EDISON	E 111TH ST & LEXINGT	NY MANIFEST	Lower	583, 0.110, SE
M120	CON EDISON SERVICE B	E 111 & LEXINGTON AV	RCRA-CESQG, NY MANIFEST	Lower	583, 0.110, SE
M121	CON EDISON	E 111TH ST & LEXINGT	NJ MANIFEST	Lower	583, 0.110, SE
M122	CON EDISON	E 111TH ST & LEXINGT	NJ MANIFEST	Lower	583, 0.110, SE
M123	CON EDISON SERVICE B	E 111TH ST & LEXINGT	RCRA NonGen / NLR, NY MANIFEST	Lower	583, 0.110, SE
M124	CON EDISON	E 111TH ST & LEXINGT	RCRA NonGen / NLR	Lower	583, 0.110, SE
M125	CON EDISON	LEXINGTON AVE & E 11	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	583, 0.110, SE
M126	CON EDISON	E 111TH ST & LEXINGT	RCRA NonGen / NLR	Lower	583, 0.110, SE
M127	CON EDISON	E 111TH ST & LEXINGT	NY MANIFEST	Lower	583, 0.110, SE
H128	CON EDISON MANHOLE:	LEXINGTON AVE & 112T	RCRA NonGen / NLR, NY MANIFEST	Lower	583, 0.110, ESE
H129	LEXINGTON AVE	LEXINGTON AVE/EAST 1	NY Spills	Lower	583, 0.110, ESE
H130	SPILL NUMBER 9809080	E 112 ST & LEXINGTON	NY Spills	Lower	583, 0.110, ESE
H131	CONSOLIDATED EDISON	E 112TH & LEXINGTON	NY MANIFEST	Lower	583, 0.110, ESE
H132	CON EDISON	LEXINGTON AVE & E 11	RCRA NonGen / NLR, NY MANIFEST	Lower	583, 0.110, ESE
H133	219438; LEXINGTON AV	LEXINGTON AVE AND 11	NY Spills	Lower	583, 0.110, ESE
H134	MANHOLE 39156	E 112TH ST/LEXINGTON	NY Spills	Lower	583, 0.110, ESE
H135	CON EDISON MANHOLE:	E 112TH ST & LEXINGT	RCRA NonGen / NLR, NY MANIFEST	Lower	583, 0.110, ESE
I136	CON EDISON SERVICE B	10 W 112TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	590, 0.112, NW
I137	PARKWEST CLEANERS	2 W 111TH ST	EDR Hist Cleaner	Higher	597, 0.113, WNW
H138	CON EDISON	151 E 112 ST	NY MANIFEST	Lower	600, 0.114, ESE
J139	NYCT (ON 6 LINE)	1774 LEXINGTON AVE	NY Spills	Lower	601, 0.114, SE
J140	LEXINGTON NORTH REAL	1774 LEXINGTON AVE	NY AST	Lower	601, 0.114, SE
J141	CON EDISON SERVICE B	1774 LEXINGTON AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	601, 0.114, SE
N142	CON EDISON SERVICE B	1367 5TH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	610, 0.116, NNW
N143	TAFT HOUSES	1367 FIFTH AVENUE	NY UST, NY AST	Higher	610, 0.116, NNW
N144	ENGINE CO. 058/LADD.	1367 5TH AVENUE	NY Spills	Higher	610, 0.116, NNW
H145	JOHNSON HOUSES	1809 LEXINGTON AVENU	NY UST	Higher	610, 0.116, ESE
H146	NYCHA - JOHNSON HOUS	1809 LEXINGTON AVE	NY LTANKS, NY Spills, RCRA NonGen / NLR, FINDS,...	Higher	610, 0.116, ESE
H147	JOHNSON HOUSES	1809 LEXINGTON AVENU	NY AST, NY Spills	Higher	610, 0.116, ESE
H148	NYC HOUSING AUTH/JOH	1809 LEXINGTON AVENU	NJ MANIFEST	Higher	610, 0.116, ESE
N149	NYCHA - TAFT	1365 5TH AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	610, 0.116, NNW
I150	EASTMORE CLEANER	1330 5TH AVE	EDR Hist Cleaner	Higher	611, 0.116, WNW
I151	CON EDISON SERVICE B	18 W 112TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	626, 0.119, NW
152	FRAWLEY PLAZA ASSOCI	1295 5TH AVE (1660 M	NY AST	Higher	630, 0.119, WNW
I153	PS 185	20 WEST 112TH ST	NY Spills	Higher	635, 0.120, NW
I154	PUBLIC SCHOOL 185 -	20 WEST 112TH STREET	NY AST	Higher	635, 0.120, NW
I155	PS 185	20 W 112TH ST	NY Spills	Higher	635, 0.120, NW
I156	PUBLIC SCHOOL 208M &	20 W 112TH ST	RCRA-LQG, FINDS, ECHO, NY MANIFEST	Higher	635, 0.120, NW

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O157	CON EDISON - SERVICE	24 EAST 109TH STREET	RCRA-LQG, NY MANIFEST, NJ MANIFEST	Lower	636, 0.120, SW
M158	CHIPS CLEANERS	1787 LEXINGTON AVE	NY DRYCLEANERS	Lower	641, 0.121, SE
I159	NEW WEST APARTMENTS	16-22 WEST 111 ST	NY AST	Higher	644, 0.122, WNW
160	CON EDISON SERVICE B	1615 PARK AVE FRONT	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	646, 0.122, NE
H161	CON EDISON SERVICE B	1799 LEXINGTON AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	648, 0.123, ESE
I162	CON EDISON SERVICE B	24 W 112TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	652, 0.123, NW
I163	CON EDISON SERVICE B	24 W 112TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	652, 0.123, NW
J164	MANHOLE #39138	E 110TH ST & LEXINGT	NY Spills	Lower	654, 0.124, SE
J165	MTA NYCT - 110TH STR	110TH ST & LEXINGTON	RCRA-CESQG, NY MANIFEST, NJ MANIFEST	Lower	654, 0.124, SE
J166	CON EDISON	W 110TH ST & LEXINGT	RCRA NonGen / NLR	Lower	654, 0.124, SE
J167	CON EDISON MANHOLE 3	E 110TH ST & LEXINGT	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	654, 0.124, SE
J168	CON EDISON	W 110TH ST & LEXINGT	NY MANIFEST	Lower	654, 0.124, SE
J169	CON EDISON	LEXINGTON AVE & 110T	NY MANIFEST	Lower	654, 0.124, SE
J170	CON EDISON	LEXINGTON AVE & 110T	NJ MANIFEST	Lower	654, 0.124, SE
J171	CON EDISON	E 110 ST. AND LEXING	NY MANIFEST	Lower	654, 0.124, SE
J172	CON EDISON	LEXINGTON AVE & 110T	NY MANIFEST	Lower	654, 0.124, SE
J173	CON EDISON	W 110TH ST & LEXINGT	NJ MANIFEST	Lower	654, 0.124, SE
J174	MANHOLE #39138	EAST 110 AND LEXINGT	NY Spills	Lower	654, 0.124, SE
J175	CON EDISON	LEXINGTON AVE & 110T	NJ MANIFEST	Lower	654, 0.124, SE
J176	CON EDISON	LEXINGTON AVE & 110T	RCRA NonGen / NLR, FINDS, ECHO	Lower	654, 0.124, SE
J177	NYCTA - 186 CENTRAL	110TH ST & LEXINGTON	RCRA NonGen / NLR, NY MANIFEST	Lower	654, 0.124, SE
J178	CON EDISON	LEXINGTON AVE & 110T	RCRA NonGen / NLR	Lower	654, 0.124, SE
P179	NYCHA JOHNSON HOUSES	1840 LEXINGTON AVE	RCRA NonGen / NLR	Higher	660, 0.125, East
P180	NYCHA - JOHNSON HOUS	1844 LEXINGTON AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	662, 0.125, East
Q181	CON EDISON SERVICE B	1484 PARK AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	665, 0.126, SSW
M182	CON EDISON	163 E 111 ST	NY MANIFEST	Lower	667, 0.126, SE
M183	163 E 111TH ST	163 E 111TH ST	NY LTANKS	Lower	667, 0.126, SE
O184	CON EDISON SERVICE B	16 E 109TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	672, 0.127, WSW
K185	NYC DEPT OF EDUCATIO	1615 MADISON AVE	RCRA-SQG, FINDS, ECHO, NY MANIFEST	Lower	683, 0.129, SW
K186	P.S. 108 - MANHATTAN	1615 MADISON AVENUE	NY UST	Lower	683, 0.129, SW
K187	P.S. 108 - MANHATTAN	1615 MADISON AVENUE	NY AST	Lower	683, 0.129, SW
Q188	CLINTON HOUSES	1485 PARK AVENUE	NY LTANKS, NY UST	Lower	684, 0.130, South
O189	ST EDWARD THE MARTYR	14 EAST 109TH STREET	NY AST	Lower	687, 0.130, WSW
J190	CON EDISON	1777 LEXINGTON AVE	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	688, 0.130, SE
R191	CON EDISON MANHOLE 5	1 E 109TH ST E OF 5T	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	706, 0.134, WSW
P192	CON EDISON	1830 LEXINGTON AVE &	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	719, 0.136, East
S193	JOHNSON HOUSES	163 EAST 112TH STREE	NY LTANKS	Higher	719, 0.136, ESE
M194	CON EDISON	165 E 111 ST	NY MANIFEST	Lower	734, 0.139, ESE
K195	CON EDISON SERVICE B	1601 MADISON AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	736, 0.139, SW

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P196	CON EDISON	1829 LEXINGTON AVE &	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	752, 0.142, East
R197	1274 5TH AVE	1274 FIFTH AVENUE	NY AST	Lower	767, 0.145, WSW
T198	CON EDISON	154 E 110TH ST	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	771, 0.146, SSE
M199	HELL GATE	153 E 110TH STREET	NY AST	Lower	774, 0.147, SE
R200	CON EDISON SERVICE B	E 109TH ST & 5TH AVE	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	775, 0.147, WSW
R201	1280-1285 5TH AVENUE	1280-1285 5TH AVENUE	NY UST	Higher	777, 0.147, WSW
M202	CON EDISON	166 E 111 ST	NY MANIFEST	Lower	777, 0.147, SE
S203	CON EDISON	169 E 112TH ST	NY MANIFEST	Higher	778, 0.147, ESE
R204	CONSOLIDATED EDISON	F/O 2 E 109 ST - E/O	NY MANIFEST	Higher	779, 0.148, WSW
R205	CON EDISON SERVICE B	2 E 109TH ST E OF 5T	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	779, 0.148, WSW
J206	CARITAS DEVELOPMENT	1759-73 LEXINGTON AV	NY AST	Lower	789, 0.149, SSE
Q207	CON EDISON SERVICE B	51 E 108TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	794, 0.150, SSW
T208	CON EDISON MANHOLE 1	158 E 110TH ST E OF	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	817, 0.155, SE
T209	CON EDISON SERVICE B	158 E 110TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	817, 0.155, SE
Q210	CON EDISON	E 108TH ST & PARK AV	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	819, 0.155, SSW
O211	VILLA HERMOSA APTS -	1600 MADISON AVE/159	NY LTANKS	Lower	827, 0.157, SW
O212	VILLA HERMOSA APTS -	2-20 EAST 108TH STRE	NY LTANKS	Lower	827, 0.157, SW
O213	VILLA HERMOSA APTS -	1-23 EAST 107TH STRE	NY LTANKS	Lower	827, 0.157, SW
O214	VILLA HERMOSA APTS	1600 MADISON AVENUE	NY AST	Lower	827, 0.157, SW
T215	CON EDISON	F/O 155 EAST 109TH S	NY MANIFEST	Lower	831, 0.157, SSE
T216	CON EDISON SERVICE B	155-157 E 109TH ST &	RCRA NonGen / NLR, NY MANIFEST	Lower	831, 0.157, SSE
T217	CON EDISON	FO 155 E 109TH ST	NY MANIFEST	Lower	831, 0.157, SSE
T218	CON EDISON SERVICE B	155 E 109TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	831, 0.157, SSE
Q219	CON EDISON	50 E 108TH ST	RCRA NonGen / NLR	Lower	834, 0.158, SSW
Q220	CON EDISON	50 E 108TH ST	NY MANIFEST	Lower	834, 0.158, SSW
Q221	CON EDISON	50 E 108TH ST	NJ MANIFEST	Lower	834, 0.158, SSW
Q222	LEHMAN VILLAGE -NYCH	70 E 108TH ST	NY LTANKS	Lower	834, 0.158, SSW
Q223	LEHMAN VILLAGE HOUSE	70 EAST 108TH STREET	NY UST	Lower	834, 0.158, SSW
Q224	LEHMAN VILLAGE	70 E 108TH ST	NY LTANKS	Lower	834, 0.158, SSW
O225	CON EDISON	1608 MADISON AVE	NY MANIFEST	Lower	846, 0.160, SW
O226	CON EDISON SERVICE B	1608 MADISON AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	846, 0.160, SW
S227	CON EDISON	173 E 111 ST	NY MANIFEST	Lower	854, 0.162, ESE
S228	CON EDISON	173 111TH ST	NY MANIFEST	Lower	854, 0.162, ESE
U229	CON EDISON	63 E 115TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	864, 0.164, NNE
U230	63 EAST 115 STREET	63 EAST 115TH STREET	NY UST	Higher	864, 0.164, NNE
U231	CON EDISON	63 E 115TH ST	NJ MANIFEST	Higher	864, 0.164, NNE
U232	CON EDISON	63 E 115TH ST	NY MANIFEST	Higher	864, 0.164, NNE
V233	CON EDISON	176 E 111 ST	NY MANIFEST	Lower	865, 0.164, SE
W234	CONED	30 W 111TH ST	NY MANIFEST	Higher	866, 0.164, WNW

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R235	THE TWELVE SEVENTY F	1270 FIFTH AVENUE	NY UST	Lower	876, 0.166, WSW
X236	CON EDISON	100 E 108TH ST	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	879, 0.166, South
Y237	CON EDISON SERVICE B	1393 5TH AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	879, 0.166, NNW
U238	CON EDISON SERVICE B	1755 MADISON AVE FRO	RCRA NonGen / NLR, NY MANIFEST	Higher	889, 0.168, NNE
Z239	CLINTON I HOUSES	1744 LEXINGTON AVE	NY LTANKS, NY Spills	Lower	896, 0.170, SSE
AA240	CON EDISON SERVICE B	19 E 108TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	905, 0.171, WSW
V241	CON EDISON	179 E 111 ST	NY MANIFEST	Lower	915, 0.173, ESE
W242	WEST 110TH REALTY	15-19 WEST 110TH STR	NY AST	Higher	917, 0.174, WNW
V243	CON ED	182 E 111TH ST	NY MANIFEST	Lower	918, 0.174, SE
V244	CON EDISON	182 E 111TH ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	918, 0.174, SE
V245	CON EDISON	182 E 111TH ST	NJ MANIFEST	Lower	918, 0.174, SE
Y246	CON EDISON SERVICE B	1397 5TH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	927, 0.176, North
U247	CON EDISON SERVICE B	1759 MADISON AVE FRO	RCRA NonGen / NLR, NY MANIFEST	Higher	928, 0.176, NNE
AB248	CON EDISON SERVICE B	1600 MADISON AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	937, 0.177, SW
Z249	CON EDISON SERVICE B	156 E 109TH ST	RCRA NonGen / NLR, NY MANIFEST	Lower	940, 0.178, SSE
Y250	NYCHA - KING TOWERS	2 W 115TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	954, 0.181, NNW
S251	CON EDISON SERVICE B	176 E 112TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	958, 0.181, ESE
AA252	CON EDISON SERVICE B	10 E 108TH ST OPPOS	RCRA NonGen / NLR, NY MANIFEST	Higher	966, 0.183, WSW
AA253	CON EDISON SERVICE B	10 E 108TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	966, 0.183, WSW
Y254	CON EDISON TRANSFORM	E 115TH ST & 5TH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	967, 0.183, North
AC255	CON EDISON	133 E 115 ST	NY MANIFEST	Higher	967, 0.183, ENE
AC256	CON EDISON SERVICE B	133 E 115TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	967, 0.183, ENE
X257	LEXINGTON GARDENS OW	1465 PARK AVE	NY MANIFEST	Lower	967, 0.183, SSW
X258	LEXINGTON GARDENS OW	1465 PARK AVE	RCRA-LQG	Lower	967, 0.183, SSW
V259	CON EDISON	188 E 111 ST	NY MANIFEST	Lower	968, 0.183, SE
AB260	CON EDISON SERVICE B	1595 MADISON AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	974, 0.184, SSW
W261	CON EDISON SERVICE B	21 W 110TH ST SB 181	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	981, 0.186, WNW
W262	CON EDISON SERVICE B	21 W 110TH ST SB 181	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	981, 0.186, WNW
W263	21 W 110 ST	21 WEST 110TH STREET	NY AST	Higher	981, 0.186, WNW
AB264	VILLA HERMOSA APTS -	1596-1614 MADISON AV	NY LTANKS	Lower	982, 0.186, SW
AB265	CON EDISON	1596 MADISON AV	NY MANIFEST	Lower	982, 0.186, SW
T266	NY PUBLIC LIBRARY -	174 E 110TH ST	RCRA-CESQG, FINDS, ECHO, NJ MANIFEST, NY MANIFEST	Lower	989, 0.187, SE
T267	AGUILAR BRANCH LIBRA	174 EAST 110TH STREE	NY AST	Lower	989, 0.187, SE
Z268	CON EDISON	164 E 109 ST	NY MANIFEST	Lower	993, 0.188, SSE
AC269	CON EDISON	E 115TH ST & LEXINGT	NY MANIFEST	Higher	994, 0.188, ENE
AC270	CON EDISON	115TH ST & LEXINGTON	NJ MANIFEST	Higher	994, 0.188, ENE
AC271	CON EDISON	115TH ST & LEXINGTON	RCRA NonGen / NLR	Higher	994, 0.188, ENE
AC272	CON EDISON	115TH ST & LEXINGTON	RCRA NonGen / NLR, FINDS, ECHO	Higher	994, 0.188, ENE
AC273	CON EDISON VAULT: 87	E 115TH ST & LEXINGT	RCRA NonGen / NLR, NY MANIFEST	Higher	994, 0.188, ENE

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AC274	CON EDISON MANHOLE:	E 115TH ST & LEXINGT	RCRA NonGen / NLR, NY MANIFEST	Higher	994, 0.188, ENE
AC275	CON EDISON	LEXINGTON AVE & W 11	RCRA NonGen / NLR	Higher	994, 0.188, ENE
AC276	CON EDISON MANHOLE 3	LEXINGTON AVE & E 11	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	994, 0.188, ENE
AC277	CON EDISON MANHOLE 3	E 115TH ST & LEXINGT	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	994, 0.188, ENE
AC278	CON EDISON	LEXINGTON AVE & W 11	NJ MANIFEST	Higher	994, 0.188, ENE
AC279	CON EDISON	115TH ST & LEXINGTON	NY MANIFEST	Higher	994, 0.188, ENE
AC280	CON EDISON	115TH ST & LEXINGTON	NJ MANIFEST	Higher	994, 0.188, ENE
AC281	CON EDISON MANHOLE 3	E 115TH ST & LEXINGT	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	994, 0.188, ENE
AC282	CON EDISON MANHOLE:	E 115TH ST & LEXINGT	RCRA NonGen / NLR	Higher	994, 0.188, ENE
W283	MENON INVESTMENTS LL	35 WEST 110TH STREET	NY AST	Higher	996, 0.189, WNW
V284	CON EDISON	2018 3 AV	NY MANIFEST	Lower	1003, 0.190, SE
U285	CON EDISON SERVICE B	1765 MADISON AVE FRO	RCRA NonGen / NLR, NY MANIFEST	Higher	1016, 0.192, NNE
AC286	EAST HARLEM HEALTH C	158 E 115TH ST	NY MANIFEST	Higher	1017, 0.193, ENE
AC287	EAST HARLEM HEALTH C	158 E 115TH ST	RCRA-CESQG	Higher	1017, 0.193, ENE
AC288	EAST HARLEM DISTRIBU	158 EAST 115 STREET	NY UST	Higher	1017, 0.193, ENE
AC289	CLOSED-LACKOF RECENT	158 E 115TH ST	NY LTANKS	Higher	1017, 0.193, ENE
V290	CON EDISON	2024 3 AV	NY MANIFEST	Lower	1024, 0.194, ESE
V291	CON EDISON SERVICE B	2026 3RD AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1024, 0.194, ESE
U292	CON EDISON SERVICE B	60 E 116TH ST OPPOS	RCRA NonGen / NLR, NY MANIFEST	Higher	1026, 0.194, NNE
U293	CON EDISON SERVICE B	60 E 116TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1026, 0.194, NNE
U294	MARCEL CLEANERS	56 E 116TH ST	RCRA-SQG, ICIS, US AIRS, NY DRYCLEANERS, NY...	Higher	1026, 0.194, NNE
V295	CON EDISON	2020 3RD AV	NY MANIFEST	Lower	1040, 0.197, ESE
AC296	1860-1862 LEXINGTON	1862 LEXINGTON AVENU	NY AST	Higher	1040, 0.197, ENE
X297	CON EDISON	101 E 107TH ST	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1040, 0.197, South
U298	80 E 116 ST	80 EAST 116TH STREET	NY AST	Higher	1042, 0.197, NE
V299	CON EDISON SERVICE B	2014 3RD AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1046, 0.198, SE
AB300	APARTMENT BLDG TTF	1590 MADISON AVE	NY LTANKS	Higher	1050, 0.199, SW
AB301	LAKEVIEW APARTMENTS	1590 MADISON AVENUE	NY UST	Higher	1050, 0.199, SW
AB302	106 STREET FRENCH DR	1590 MADISON AVE	RCRA-SQG, ICIS, US AIRS, FINDS, NY DRYCLEANERS, NY...	Higher	1050, 0.199, SW
AD303	CON EDISON SERVICE B	1630 PARK AVE FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	1051, 0.199, NE
AD304	1630 PARK AVE ASSOCI	1630 PARK AVENUE	NY AST	Higher	1051, 0.199, NE
AD305	CON EDISON	1630 PARK AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1051, 0.199, NE
AD306	CON EDISON	1630 PARK AVE	NY MANIFEST	Higher	1051, 0.199, NE
AD307	CON EDISON SERVICE B	1630 PARK AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1051, 0.199, NE
W308	LINCOLN CORRECTIONS	31 WEST 110TH ST	NY LTANKS, NY Spills	Higher	1055, 0.200, WNW
W309	LINCOLN CORRECTIONAL	31 WEST 110TH STREET	NY AST	Higher	1055, 0.200, WNW
W310	CON EDISON	31 W 110 ST	NY MANIFEST	Higher	1055, 0.200, WNW
AD311	102 EAST 116 LLC	102 EAST 116TH STREE	NY AST	Higher	1056, 0.200, NE
V312	HARLEM CLEANERS	2008 3RD AVE	RCRA-CESQG, NY MANIFEST	Lower	1057, 0.200, SE

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
V313	NEW HARLEM CLEANERS	2008 THIRD AVENUE	NY DRYCLEANERS	Lower	1057, 0.200, SE
W314	CON EDISON SERVICE B	27 W 110TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1061, 0.201, WNW
W315	CON EDISON	27 W 110TH ST	NY MANIFEST	Higher	1061, 0.201, WNW
AE316	CON EDISON	2046 3RD AV	NY MANIFEST	Lower	1070, 0.203, ESE
AF317	CON EDISON SERVICE B	183 E 109TH ST	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1075, 0.204, SSE
AG318	CON EDISON SERVICE B	10 E 116TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	1076, 0.204, North
AG319	CON EDISON	10 E 116 ST	NY MANIFEST	Higher	1076, 0.204, North
AB320	CON EDISON	MADISON AVE & 107 ST	NY MANIFEST	Higher	1079, 0.204, SW
AH321	CON EDISON SERVICE B	E 107TH ST & PARK AV	RCRA NonGen / NLR, NY MANIFEST	Lower	1083, 0.205, SSW
AH322	CON EDISON	E 107TH ST & PARK AV	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1083, 0.205, SSW
AH323	CON EDISON MANHOLE 4	E 107TH ST & PARK AV	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1083, 0.205, SSW
AH324	CON EDISON SERVICE B	E 107TH ST & PARK AV	RCRA NonGen / NLR	Lower	1083, 0.205, SSW
AC325	CON EDISON SERVICE B	153 E 115TH ST E OF	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1089, 0.206, ENE
V326	CON EDISON SERVICE B	E 111TH & 3RD AVE	RCRA-CESQG, NY MANIFEST	Lower	1089, 0.206, SE
W327	NEW WEST APARTMENTS-	32/38 WEST 111TH STR	NY UST	Higher	1089, 0.206, WNW
W328	NEW WEST APARTMENTS-	32/38 WEST 111TH STR	NY AST	Higher	1089, 0.206, WNW
AE329	CON EDISON	E 112TH ST & 3RD AVE	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1091, 0.207, ESE
AE330	NYCDEP	3RD AVE & 112TH ST	NY MANIFEST	Lower	1091, 0.207, ESE
AI331	CON EDISON	116TH ST & MADISON A	NY MANIFEST	Higher	1094, 0.207, NNE
AI332	CON EDISON	116TH ST & MADISON A	NJ MANIFEST	Higher	1094, 0.207, NNE
AI333	CON EDISON	116TH ST & MADISON A	RCRA NonGen / NLR	Higher	1094, 0.207, NNE
AJ334	PS 57	166 EAST 115TH STREE	NY AST	Higher	1094, 0.207, ENE
AF335	CON EDISON SERVICE B	182 E 109TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1099, 0.208, SSE
AC336	CONED	122 E 116TH ST	NY MANIFEST	Higher	1110, 0.210, ENE
AK337	CON EDISON	2050 3RD AV	NY MANIFEST	Higher	1113, 0.211, ESE
Y338	CON EDISON SERVICE B	1400 5TH AVE FRONT O	RCRA NonGen / NLR, NY MANIFEST	Higher	1122, 0.213, North
AB339	LAKEVIEW APARTMENTS	4 EAST 107TH STREET	NY UST	Higher	1127, 0.213, SW
AB340	4 EAST 107 STREET	4 EAST 107TH ST.	NY LTANKS	Higher	1127, 0.213, SW
AF341	CON EDISON	2011 110TH ST & 3RD	RCRA NonGen / NLR, FINDS, ECHO	Lower	1129, 0.214, SE
AC342	CON EDISON SERVICE B	161 E 115TH ST E OF	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1130, 0.214, ENE
AK343	CON EDISON	2052 3RD AV	NY MANIFEST	Higher	1135, 0.215, East
AE344	CON EDISON	2033 3RD AV	NY MANIFEST	Lower	1140, 0.216, ESE
AD345	83 EAST 116TH STREET	83 EAST 116TH ST	NY UST	Higher	1141, 0.216, NNE
AI346	MCQUESTON DEVELOPMEN	67-85 E 116TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1141, 0.216, NNE
AC347	CON EDISON - MANHOLE	126 E 116TH	NY MANIFEST	Higher	1142, 0.216, ENE
AE348	CON EDISON	2027 3RD AVE	NY MANIFEST	Lower	1155, 0.219, ESE
AE349	CON EDISON	2027 3RD AVE	NJ MANIFEST	Lower	1155, 0.219, ESE
AE350	CON EDISON	2027 3RD AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1155, 0.219, ESE
AD351	CON EDISON	91 E 116 ST. AND PAR	NY MANIFEST	Higher	1157, 0.219, NNE

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AL352	NY PRESTIGE INC	2013 THIRD AVENUE	NY AST	Lower	1160, 0.220, SE
AD353	CON EDISON SERVICE B	103 E 116TH ST	RCRA NonGen / NLR	Higher	1161, 0.220, NE
AG354	CON EDISON	19 E 116 ST	NY MANIFEST	Higher	1163, 0.220, North
AL355	CON EDISON SERVICE B	2011 3RD AVE	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1167, 0.221, SE
AJ356	NYC DEPT OF EDUCATIO	176 E 115TH ST	RCRA-SQG, FINDS, ECHO, NY MANIFEST	Higher	1170, 0.222, East
AJ357	PUBLIC SCHOOL 57 - M	176 EAST 115TH STREE	NY AST	Higher	1170, 0.222, East
AC358	CON EDISON SERVICE B	150 E 116TH ST	RCRA NonGen / NLR	Higher	1176, 0.223, ENE
AC359	CON EDISON SERVICE B	150 E 116TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	1176, 0.223, ENE
AC360	CON EDISON	150 E 116TH ST	NY MANIFEST	Higher	1176, 0.223, ENE
AM361	115 E 116 ST	115 EAST 116TH STREE	NY AST	Higher	1177, 0.223, NE
AL362	R & S STRAUSS	2005-07 3RD AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1178, 0.223, SE
AM363	CON EDISON - SERVICE	109 E 116 ST	NY MANIFEST	Higher	1192, 0.226, NE
AJ364	CON EDISON SERVICE B	169 E 115TH ST E OF	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1193, 0.226, ENE
AN365	CON EDISON SERVICE B	24 W 115TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	1202, 0.228, NNW
AD366	CON EDISON SERVICE B	1644 PARK AVE N OF E	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1203, 0.228, NE
AM367	CON EDISON	121 E 116TH ST	NJ MANIFEST	Higher	1206, 0.228, NE
AM368	CON EDISON	121 E 116TH ST	RCRA NonGen / NLR	Higher	1206, 0.228, NE
AM369	CON EDISON	121 E 116TH ST	NY MANIFEST	Higher	1206, 0.228, NE
AM370	CON EDISON	115 E 116TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1208, 0.229, NE
AM371	CON EDISON	115 E 116TH ST	NY MANIFEST	Higher	1208, 0.229, NE
AM372	CON EDISON	115 E 116TH ST	RCRA NonGen / NLR	Higher	1208, 0.229, NE
AO373	CONSOLIDATED EDISON	FRONT OF 14 WEST 111	NY MANIFEST	Higher	1212, 0.230, WNW
AG374	CON EDISON SERVICE B	W 116TH ST & 5TH AVE	RCRA NonGen / NLR, ECHO, NY MANIFEST, NJ MANIFEST	Higher	1217, 0.230, North
AC375	CON EDISON SERVICE B	3034 LEXINGTON AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1219, 0.231, ENE
AG376	CON EDISON	E 116TH ST & 5TH AVE	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1222, 0.231, North
AG377	CON EDISON SERVICE B	W 116TH ST & 5TH AVE	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1222, 0.231, North
AG378	CON EDISON	W 116TH ST & 5TH AVE	RCRA NonGen / NLR, FINDS	Higher	1222, 0.231, North
AM379	123 E. 116TH STREET	123 EAST 116TH STREE	NY AST	Higher	1226, 0.232, NE
AM380	APARTMENT BUILDING	123 E. 116TH STREET	NY LTANKS	Higher	1226, 0.232, NE
AF381	CON EDISON SERVICE B	1974 3RD AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1227, 0.232, SSE
AM382	CON EDISON MANHOLE 3	E 116TH ST & LEXINGT	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1234, 0.234, ENE
AM383	NYCTA - 207 CENTRAL	116TH ST & LEXINGTON	RCRA-CESQG, NY MANIFEST, NJ MANIFEST	Higher	1234, 0.234, ENE
384	CON EDISON	2070 3RD AVE S OF E	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1236, 0.234, East
AP385	CON EDISON SERVICE B	6 WEST 116 STREET	RCRA NonGen / NLR, NY MANIFEST	Higher	1237, 0.234, North
AP386	CON EDISON SERVICE B	6 W 116TH ST E OF LE	NJ MANIFEST	Higher	1237, 0.234, North
387	NORTH EAST PARAMEDIC	156 E 116TH ST	NY MANIFEST	Higher	1238, 0.234, ENE
AG388	CON EDISON SERVICE B	1 E 116TH ST FRONT O	RCRA NonGen / NLR, NY MANIFEST	Higher	1244, 0.236, North
AF389	CON EDISON SERVICE B	1997 3RD AVE & 109TH	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1248, 0.236, SE
AF390	CON EDISON SERVICE B	1985 3RD AVE & E 109	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1248, 0.236, SE

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AF391	CON EDISON SERVICE B	1985 3RD AVE & E 109	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1248, 0.236, SE
AF392	CON EDISON SERVICE B	1980 3RD AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1248, 0.236, SE
AI393	MADISON COURT ASSOCI	75 EAST 116TH STREET	NY AST	Higher	1248, 0.236, NNE
AI394	MADISON COURT ASSOC,	58 EAST 117TH STREET	NY AST	Higher	1248, 0.236, NNE
AE395	CON EDISON	207 E 111 ST	NY MANIFEST	Lower	1250, 0.237, ESE
AD396	1652 PARK AVENUE ASS	1648 PARK AVENUE	NY AST	Higher	1251, 0.237, NE
AF397	CON EDISON SERVICE B	1970 3RD AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1254, 0.237, SSE
AP398	CON EDISON SERVICE B	10 W 116TH ST	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1265, 0.240, North
AP399	CON EDISON SERVICE B	10 W 116TH ST E OF L	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1265, 0.240, North
AE400	204 EAST 112 LLC	204 EAST 112TH ST	NY AST	Lower	1265, 0.240, ESE
AJ401	CON EDISON SERVICE B	179 E 115TH ST E OF	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1270, 0.241, ENE
AN402	CON EDISON SERVICE B	36 W 115TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	1270, 0.241, NNW
AG403	CHURCH OF THE LORD J	1421 FIFTH AVENUE	NY AST	Higher	1281, 0.243, North
AP404	CON EDISON SERVICE B	1 W 116TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1286, 0.244, North
AH405	CON EDISON	1444 PARK AVE N OF E	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Lower	1292, 0.245, SSW
AQ406	CON EDISON	1705 LEXINGTON AVE	NJ MANIFEST	Lower	1296, 0.245, South
AQ407	CON EDISON	1705 LEXINGTON AVE	NY MANIFEST	Lower	1296, 0.245, South
AQ408	CON EDISON	1705 LEXINGTON AVE	RCRA NonGen / NLR	Lower	1296, 0.245, South
AN409	CON EDISON VAULT: 78	31 W 115TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	1300, 0.246, NNW
AM410	CON EDISON SERVICE B	137 E 116TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1305, 0.247, ENE
AM411	CON EDISON SERVICE B	137 E 116TH ST	NJ MANIFEST	Higher	1305, 0.247, ENE
AI412	1775-77-79 MADISON A	1779- MADISON AVENUE	NY AST	Higher	1306, 0.247, NNE
AQ413	SPIILL NUMBER 0110617	1702 LEXINGTON AVE	NY LTANKS	Lower	1307, 0.248, South
AL414	CON EDISON	214 E 111TH ST	NY MANIFEST	Lower	1316, 0.249, SE
AL415	CON EDISON SERVICE B	214 E 111TH ST FRONT	RCRA NonGen / NLR	Lower	1316, 0.249, SE
AL416	CON EDISON	214 E 111TH ST FRONT	NY MANIFEST	Lower	1316, 0.249, SE
417	105 E 106 ST	105 EAST 106TH STREE	NY UST, NY AST	Lower	1317, 0.249, South
AR418	CON EDISON SERVICE B	110 E 117TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1319, 0.250, NE
AR419	CON EDISON SERVICE B	104 E 117TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1319, 0.250, NE
AR420	CON EDISON SERVICE B	104 E 117TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1319, 0.250, NE
AO421	CON EDISON SERVICE B	45 W 110TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1320, 0.250, WNW
AO422	45 W. 110TH STREET	45 W. 110TH STREET	NY AST	Higher	1320, 0.250, WNW
AO423	45-53 W 110TH ST HDF	45 WEST 110TH ST.	NY AST	Higher	1320, 0.250, WNW
424	CARDNIAL COOK HEALTH	26 EAST 106TH ST	NY LTANKS	Higher	1396, 0.264, SW
AS425	CONVENT	226 EAST 113TH STREE	NY LTANKS	Lower	1471, 0.279, ESE
426	23 WEST 116TH STREET	23 WEST 116TH STREET	NY VCP	Higher	1505, 0.285, NNW
427	1936 THIRD AVE	1936 THIRD AVE	NY LTANKS	Lower	1531, 0.290, SSE
428	201 EAST 116TH ST	201 EAST 116TH ST	NY LTANKS	Higher	1607, 0.304, ENE
429	CHURCH TTF	125 EAST 105TH ST	NY LTANKS	Lower	1625, 0.308, South

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AS430	CHURCH	232 EAST 113TH STREE	NY LTANKS	Lower	1629, 0.309, ESE
431	CLINTON HOUSES -NYCH	1405 PARK AVE	NY LTANKS	Lower	1779, 0.337, SSW
AT432	169 EAST 105TH ST	169 E.105TH ST	NY LTANKS	Lower	1792, 0.339, South
AT433	STORE	175 EAST 105TH STREE	NY LTANKS, NY AST	Higher	1817, 0.344, South
434	DUNLEVY MILBANK CHLD	14-32 WEST 118TH STR	NY LTANKS, NY UST	Higher	1818, 0.344, North
435	105 LENOX AVE/HARLEM	105 LENOX AVENUE	NY LTANKS	Higher	1827, 0.346, NNW
436	JACOB'S RESIDENCE	203 EAST 117TH ST	NY LTANKS	Lower	1853, 0.351, ENE
AT437	168 E. 105TH ST	168 E. 105TH ST	NY LTANKS	Higher	1911, 0.362, South
AU438	ST ANN CHURCH	312 EAST 110 STREET	NY LTANKS	Lower	2069, 0.392, SE
AU439	ST ANNES CHURCH	312 EAST 110TH ST	NY LTANKS	Lower	2069, 0.392, SE
AV440	FRANKLIN PLAZA APTS	2085 SECOND AVE	NY LTANKS, RCRA NonGen / NLR, ICIS, US AIRS	Higher	2077, 0.393, SSE
AV441	FRANKLIN PLAZA APTS	2085 2ND AVE	NY LTANKS	Higher	2077, 0.393, SSE
AW442	APARTMENT HOUSE	50 WEST 119TH ST	NY LTANKS	Higher	2117, 0.401, North
AX443	APT BUILDING	132 WEST 113TH ST	NY LTANKS	Higher	2135, 0.404, NW
444	2 WEST 120TH ST	2 WEST 120TH ST	NY LTANKS, NY AST, NY Spills	Higher	2191, 0.415, North
AX445	RESIDENCE	133 WEST 113TH ST	NY LTANKS	Higher	2193, 0.415, NW
AW446	49 WEST 119TH ST/MAN	49 WEST 119TH STREET	NY LTANKS	Higher	2214, 0.419, North
AY447	112 EAST 103RD ST	112 E. 103RD ST	NY LTANKS	Higher	2245, 0.425, SSW
448	SPIII NUMBER 0112250	145 W. 110TH ST	NY LTANKS	Higher	2261, 0.428, WNW
449	APART	86 WEST 119TH STREET	NY LTANKS	Higher	2323, 0.440, North
450	CON EDISON - EAST 11	EAST 110TH - EAST 11	EDR MGP	Lower	2336, 0.442, SE
451	UNKNOWN	222 EAST 119TH ST	NY LTANKS	Lower	2342, 0.444, ENE
452	CORSI HOUSES (JEFFER	306 EAST 117TH STREE	NY LTANKS	Lower	2352, 0.445, East
AZ453	42 WEST 120TH ST/CIB	42 WEST 120TH STREET	NY LTANKS	Higher	2400, 0.455, North
AZ454	42 WEST 120TH STREET	42 WEST 120TH STREET	NY LTANKS	Higher	2400, 0.455, North
BA455	88-01 102ND ST/QUEEN	88-01 102ND STREET	NY LTANKS	Higher	2429, 0.460, SSW
BA456	CARVER HOUSES	60 EAST 102ND STREET	NY LTANKS, NY UST, NY Spills	Higher	2443, 0.463, SSW
AY457	AMERICAN CAR SERVICE	100 EAST 102ND STREE	NY LTANKS	Higher	2481, 0.470, SSW
BB458	WHITE HOUSES	2029 SECOND AVE	NY LTANKS, NY Spills	Higher	2510, 0.475, SSE
BB459	GAYLORD WHITE HOUSES	2029 SECOND AVENUE	NY LTANKS, NY Spills	Higher	2510, 0.475, SSE
BC460	349 E 106TH ST/MANH/	349 EAST 106TH STREE	NY LTANKS	Lower	2549, 0.483, SSE
BC461	318 EAST 106HT ST	318 EAST 106TH ST	NY LTANKS	Lower	2586, 0.490, SSE
BD462	AMOCO	1599 LEXINGTON AV	NY LTANKS	Higher	2587, 0.490, South
463	CLOSED-LACKOF RECENT	2130 FIRST AVE	NY LTANKS	Lower	2593, 0.491, SE
464	CON EDISON	1475 MADISON AVE	NY LTANKS, NY MANIFEST	Higher	2593, 0.491, SSW
BD465	23 PRECINCT NYPD -DD	164 EAST 102ND STREE	NY LTANKS	Higher	2598, 0.492, South
466	APARTMENT BUILDING	200 WEST 111TH STREE	NY LTANKS	Higher	2604, 0.493, WNW
467	2211 THIRD AVENUE	2211 THIRD AVENUE	NY VCP	Lower	2611, 0.495, ENE
468	CON EDISON - EAST 10	108TH ST. WEST OF FI	EDR MGP	Lower	2814, 0.533, SE

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469	CON EDISON - EAST 11	EAST 114TH - EAST 11	EDR MGP	Lower	3615, 0.685, ESE
470	CON EDISON - EAST 99	EAST 98TH - EAST 99T	EDR MGP	Lower	3912, 0.741, South

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 - equivalent CERCLIS

NY SHWS..... Inactive Hazardous Waste Disposal Sites in New York State

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF..... Facility Register

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 MOSF UST..... Major Oil Storage Facilities Database
NY MOSF..... Major Oil Storage Facility Site Listing
NY CBS..... Chemical Bulk Storage Site Listing
NY CBS AST..... Chemical Bulk Storage Database
NY MOSF AST..... Major Oil Storage Facilities Database
INDIAN UST..... Underground Storage Tanks on Indian Land

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 SWTIRE..... Registered Waste Tire Storage & Facility List
NY SWRCY..... Registered Recycling Facility List
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

EXECUTIVE SUMMARY

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
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
NY 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
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 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

EXECUTIVE SUMMARY

NY AIRS.....	Air Emissions Data
NY COAL ASH.....	Coal Ash Disposal Site Listing
NY Financial Assurance.....	Financial Assurance Information Listing
NY HSWDS.....	Hazardous Substance Waste Disposal Site Inventory
NY SPDES.....	State Pollutant Discharge Elimination System
NY VAPOR REOPENED.....	Vapor Intrusion Legacy Site List
NY UIC.....	Underground Injection Control Wells

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
NY 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 12/11/2017 has revealed that there are 11 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CON EDISON - SERVICE</i>	<i>21 E.110 ST</i>	<i>W 0 - 1/8 (0.071 mi.)</i>	<i>G45</i>	<i>80</i>
CON EDISON - SERVICE	12 E110 ST	WSW 0 - 1/8 (0.085 mi.)	G56	106
<i>CON EDISON - SERVICE</i>	<i>E 111 ST AND FIFTH A</i>	<i>WNW 0 - 1/8 (0.103 mi.)</i>	<i>I89</i>	<i>161</i>
<i>PUBLIC SCHOOL 208M &</i>	<i>20 W 112TH ST</i>	<i>NW 0 - 1/8 (0.120 mi.)</i>	<i>I156</i>	<i>323</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CON EDISON - SERVICE</i>	<i>1564 PARK AVE AND W.</i>	<i>0 - 1/8 (0.000 mi.)</i>	<i>B7</i>	<i>20</i>
<i>METRO NORTH RAILROAD</i>	<i>PARK AVE AND E 110TH</i>	<i>SE 0 - 1/8 (0.039 mi.)</i>	<i>B29</i>	<i>56</i>
<i>CON EDISON - SERVICE</i>	<i>115 E 111 ST WEST OF</i>	<i>ESE 0 - 1/8 (0.062 mi.)</i>	<i>D37</i>	<i>68</i>

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON - SERVICE	23 EAST 109TH STREET	SW 0 - 1/8 (0.107 mi.)	K105	189
CON EDISON - SERVICE	115 E. 112 ST AND LE	ESE 0 - 1/8 (0.109 mi.)	H114	211
CON EDISON - SERVICE	24 EAST 109TH STREET	SW 0 - 1/8 (0.120 mi.)	O157	327
LEXINGTON GARDENS OW	1465 PARK AVE	SSW 1/8 - 1/4 (0.183 mi.)	X258	573

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 12/11/2017 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MADISON CLEANERS	1716 MADISON AVE	N 0 - 1/8 (0.078 mi.)	E50	90
MARCEL CLEANERS	56 E 116TH ST	NNE 1/8 - 1/4 (0.194 mi.)	U294	647
106 STREET FRENCH DR	1590 MADISON AVE	SW 1/8 - 1/4 (0.199 mi.)	AB302	670
NYC DEPT OF EDUCATIO	176 E 115TH ST	E 1/8 - 1/4 (0.222 mi.)	AJ356	789
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYC DEPT OF EDUCATIO	141 E 111TH ST	SE 0 - 1/8 (0.098 mi.)	H66	121
NYC DEPT OF EDUCATIO	1615 MADISON AVE	SW 1/8 - 1/4 (0.129 mi.)	K185	378

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 12/11/2017 has revealed that there are 8 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EAST HARLEM HEALTH C	158 E 115TH ST	ENE 1/8 - 1/4 (0.193 mi.)	AC287	632
NYCTA - 207 CENTRAL	116TH ST & LEXINGTON	ENE 1/8 - 1/4 (0.234 mi.)	AM383	844
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON SERVICE B	63 E 111TH ST FRONT	0 - 1/8 (0.000 mi.)	A6	17
CON EDISON SERVICE B	E 111 & LEXINGTON AV	SE 0 - 1/8 (0.110 mi.)	M120	227
MTA NYCT - 110TH STR	110TH ST & LEXINGTON	SE 0 - 1/8 (0.124 mi.)	J165	344
NY PUBLIC LIBRARY -	174 E 110TH ST	SE 1/8 - 1/4 (0.187 mi.)	T266	591
HARLEM CLEANERS	2008 3RD AVE	SE 1/8 - 1/4 (0.200 mi.)	V312	699
CON EDISON SERVICE B	E 111TH & 3RD AVE	SE 1/8 - 1/4 (0.206 mi.)	V326	730

EXECUTIVE SUMMARY

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 10/31/2017 has revealed that there are 62 NY LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TAFT HOUSES -NYCHA Date Closed: 2008-10-09 Site ID: 218235 Site ID: 218236 Program Number: 9315466 Program Number: 9402166	1740 MADISON AVENUE	N 0 - 1/8 (0.109 mi.)	L117	219
NYCHA - JOHNSON HOUS Date Closed: 2005-10-25 Date Closed: 1995-04-20 Date Closed: 2005-12-23 Date Closed: 1995-07-17 Site ID: 94498 Site ID: 291912 Site ID: 291913 Site ID: 291914 Site ID: 272946 Program Number: 9504621 Program Number: 9100385 Program Number: 9315373 Program Number: 9402165 Program Number: 8809431	1809 LEXINGTON AVE	ESE 0 - 1/8 (0.116 mi.)	H146	290
JOHNSON HOUSES Date Closed: 1992-12-04 Site ID: 291911 Program Number: 8809774	163 EAST 112TH STREE	ESE 1/8 - 1/4 (0.136 mi.)	S193	407
CLOSED-LACKOF RECENT Date Closed: 2003-03-05 Site ID: 149548 Program Number: 8805777	158 E 115TH ST	ENE 1/8 - 1/4 (0.193 mi.)	AC289	637
APARTMENT BLDG TTF Date Closed: 2010-12-07 Site ID: 439232 Program Number: 1005898	1590 MADISON AVE	SW 1/8 - 1/4 (0.199 mi.)	AB300	667
LINCOLN CORRECTIONS Date Closed: 2005-03-14 Site ID: 139950 Program Number: 9906774	31 WEST 110TH ST	WNW 1/8 - 1/4 (0.200 mi.)	W308	689
4 EAST 107 STREET Date Closed: 1994-01-31 Site ID: 227384 Program Number: 9312781	4 EAST 107TH ST.	SW 1/8 - 1/4 (0.213 mi.)	AB340	757
APARTMENT BUILDING	123 E. 116TH STREET	NE 1/8 - 1/4 (0.232 mi.)	AM380	837

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Date Closed: 2004-03-05 Site ID: 124172 Program Number: 0310572				
CARDNIAL COOK HEALTH	26 EAST 106TH ST	SW 1/4 - 1/2 (0.264 mi.)	424	942
Date Closed: 1996-10-18 Date Closed: 1993-03-12 Site ID: 220073 Site ID: 199315 Program Number: 9608923 Program Number: 9213678				
201 EAST 116TH ST	201 EAST 116TH ST	ENE 1/4 - 1/2 (0.304 mi.)	428	948
Date Closed: 2001-11-08 Site ID: 317668 Program Number: 0108081				
STORE	175 EAST 105TH STREE	S 1/4 - 1/2 (0.344 mi.)	AT433	955
Date Closed: 2007-03-06 Site ID: 181247 Program Number: 0104427				
DUNLEVY MILBANK CHLD	14-32 WEST 118TH STR	N 1/4 - 1/2 (0.344 mi.)	434	958
Date Closed: 2004-06-16 Site ID: 236688 Program Number: 0209842				
105 LENOX AVE/HARLEM	105 LENOX AVENUE	NNW 1/4 - 1/2 (0.346 mi.)	435	962
Date Closed: 1991-01-17 Site ID: 77190 Program Number: 9010952				
168 E. 105TH ST	168 E. 105TH ST	S 1/4 - 1/2 (0.362 mi.)	AT437	964
Date Closed: 1995-01-03 Site ID: 303185 Program Number: 9412897				
FRANKLIN PLAZA APTS	2085 SECOND AVE	SSE 1/4 - 1/2 (0.393 mi.)	AV440	969
Date Closed: 2016-04-21 Site ID: 458856 Program Number: 1110988				
FRANKLIN PLAZA APTS	2085 2ND AVE	SSE 1/4 - 1/2 (0.393 mi.)	AV441	1028
Date Closed: 2005-10-11 Site ID: 270703 Program Number: 9905676				
APARTMENT HOUSE	50 WEST 119TH ST	N 1/4 - 1/2 (0.401 mi.)	AW442	1029
Date Closed: 2003-02-19 Site ID: 182429 Program Number: 0000405				
APT BUILDING	132 WEST 113TH ST	NW 1/4 - 1/2 (0.404 mi.)	AX443	1030
Date Closed: 2017-05-19 Site ID: 503875 Program Number: 1410204				
2 WEST 120TH ST	2 WEST 120TH ST	N 1/4 - 1/2 (0.415 mi.)	444	1033
Date Closed: 1997-02-13 Site ID: 226768 Program Number: 9612461				
RESIDENCE	133 WEST 113TH ST	NW 1/4 - 1/2 (0.415 mi.)	AX445	1037

EXECUTIVE SUMMARY

Date Closed: 2001-10-02 Site ID: 98158 Program Number: 0106679				
49 WEST 119TH ST/MAN	49 WEST 119TH STREET	N 1/4 - 1/2 (0.419 mi.)	AW446	1039
Date Closed: 2004-01-12 Site ID: 85877 Program Number: 8907609				
112 EAST 103RD ST	112 E. 103RD ST	SSW 1/4 - 1/2 (0.425 mi.)	AY447	1040
Date Closed: 1997-04-29 Site ID: 121487 Program Number: 9701263				
SPILL NUMBER 0112250	145 W. 110TH ST	WNW 1/4 - 1/2 (0.428 mi.)	448	1041
Date Closed: 2003-03-03 Site ID: 268560 Program Number: 0112250				
APART	86 WEST 119TH STREET	N 1/4 - 1/2 (0.440 mi.)	449	1042
Date Closed: 2009-12-22 Site ID: 402208 Program Number: 0805163				
42 WEST 120TH ST/CIB	42 WEST 120TH STREET	N 1/4 - 1/2 (0.455 mi.)	AZ453	1047
Date Closed: 2001-11-06 Site ID: 285603 Program Number: 8803777				
42 WEST 120TH STREET	42 WEST 120TH STREET	N 1/4 - 1/2 (0.455 mi.)	AZ454	1048
Date Closed: 1994-12-05 Site ID: 285604 Program Number: 9313894				
88-01 102ND ST/QUEEN	88-01 102ND STREET	SSW 1/4 - 1/2 (0.460 mi.)	BA455	1049
Date Closed: 1991-03-14 Site ID: 156890 Program Number: 9010982				
CARVER HOUSES	60 EAST 102ND STREET	SSW 1/4 - 1/2 (0.463 mi.)	BA456	1050
Date Closed: 2005-03-17 Date Closed: 1995-04-20 Date Closed: 1999-03-24 Site ID: 113808 Site ID: 74175 Site ID: 81909 Program Number: 9213846 Program Number: 9013206 Program Number: 9805800				
AMERICAN CAR SERVICE	100 EAST 102ND STREE	SSW 1/4 - 1/2 (0.470 mi.)	AY457	1061
Date Closed: 2005-10-20 Site ID: 113919 Program Number: 8804606				
WHITE HOUSES	2029 SECOND AVE	SSE 1/4 - 1/2 (0.475 mi.)	BB458	1062
Date Closed: 2011-12-02 Site ID: 190355 Program Number: 9502424				
GAYLORD WHITE HOUSES	2029 SECOND AVENUE	SSE 1/4 - 1/2 (0.475 mi.)	BB459	1065
Date Closed: 1997-08-15				

EXECUTIVE SUMMARY

Date Closed: 1994-08-30 Site ID: 162120 Site ID: 138545 Program Number: 9613804 Program Number: 9003016	1599 LEXINGTON AV	S 1/4 - 1/2 (0.490 mi.)	BD462	1070
AMOCO Date Closed: 2004-10-01 Date Closed: 1991-03-27 Site ID: 141296 Site ID: 80907 Program Number: 0005828 Program Number: 9013137				
CON EDISON Date Closed: 2005-03-17 Date Closed: 1997-08-25 Date Closed: 1999-03-24 Site ID: 313208 Site ID: 313209 Site ID: 324510 Program Number: 9304947 Program Number: 9405399 Program Number: 9706325	1475 MADISON AVE	SSW 1/4 - 1/2 (0.491 mi.)	464	1074
23 PRECINCT NYPD -DD Date Closed: 2003-10-31 Date Closed: 2002-02-28 Site ID: 279388 Site ID: 138131 Program Number: 9214349 Program Number: 9211682	164 EAST 102ND STREE	S 1/4 - 1/2 (0.492 mi.)	BD465	1079
APARTMENT BUILDING Date Closed: 2008-11-03 Site ID: 366102 Program Number: 0603385	200 WEST 111TH STREE	WNW 1/4 - 1/2 (0.493 mi.)	466	1082
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PVT DWELLING - TTF Date Closed: 2016-09-08 Site ID: 468619 Program Number: 1205657	19-21 EAST 109 ST	WSW 0 - 1/8 (0.100 mi.)	G70	131
SPILL NUMBER 0103835 Date Closed: 2001-07-12 Site ID: 59526 Program Number: 0103835	23-27 EAST 109TH ST	WSW 0 - 1/8 (0.101 mi.)	G79	143
MANHATTAN CASTLE OIL Date Closed: 2005-12-14 Site ID: 204045 Program Number: 0013267	23 EAST 109TH ST	WSW 0 - 1/8 (0.102 mi.)	G87	157
163 E 111TH ST Date Closed: 1992-03-18 Site ID: 293631 Program Number: 9112852	163 E 111TH ST	SE 1/8 - 1/4 (0.126 mi.)	M183	375
CLINTON HOUSES	1485 PARK AVENUE	S 1/8 - 1/4 (0.130 mi.)	Q188	387

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Date Closed: 2005-10-19 Site ID: 130801 Site ID: 130802 Program Number: 9402162 Program Number: 9402163				
VILLA HERMOSA APTS - Date Closed: 2010-03-16 Site ID: 149717 Program Number: 0313381	1600 MADISON AVE/159	SW 1/8 - 1/4 (0.157 mi.)	O211	457
VILLA HERMOSA APTS - Date Closed: 2009-10-14 Site ID: 407520 Program Number: 0810012	2-20 EAST 108TH STRE	SW 1/8 - 1/4 (0.157 mi.)	O212	473
VILLA HERMOSA APTS - Date Closed: 2009-10-14 Site ID: 407517 Program Number: 0810009	1-23 EAST 107TH STRE	SW 1/8 - 1/4 (0.157 mi.)	O213	481
LEHMAN VILLAGE -NYCH Date Closed: 2017-04-07 Site ID: 280533 Program Number: 0211650	70 E 108TH ST	SSW 1/8 - 1/4 (0.158 mi.)	Q222	502
LEHMAN VILLAGE Date Closed: 2009-08-28 Site ID: 411239 Program Number: 0813546	70 E 108TH ST	SSW 1/8 - 1/4 (0.158 mi.)	Q224	506
CLINTON I HOUSES Date Closed: 1993-07-06 Site ID: 154312 Program Number: 9107784	1744 LEXINGTON AVE	SSE 1/8 - 1/4 (0.170 mi.)	Z239	533
VILLA HERMOSA APTS - Date Closed: 2009-04-15 Site ID: 407026 Program Number: 0809556	1596-1614 MADISON AV	SW 1/8 - 1/4 (0.186 mi.)	AB264	587
SPILL NUMBER 0110617 Date Closed: 2002-02-06 Site ID: 329679 Program Number: 0110617	1702 LEXINGTON AVE	S 1/8 - 1/4 (0.248 mi.)	AQ413	920
CONVENT Site ID: 398096 Program Number: 0802029	226 EAST 113TH STREE	ESE 1/4 - 1/2 (0.279 mi.)	AS425	944
1936 THIRD AVE Date Closed: 1996-11-06 Site ID: 104427 Program Number: 9609792	1936 THIRD AVE	SSE 1/4 - 1/2 (0.290 mi.)	427	947
CHURCH TTF Date Closed: 2015-04-21 Site ID: 417265 Program Number: 0905018	125 EAST 105TH ST	S 1/4 - 1/2 (0.308 mi.)	429	949
CHURCH Date Closed: 2006-08-11 Site ID: 363804	232 EAST 113TH STREE	ESE 1/4 - 1/2 (0.309 mi.)	AS430	950

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Program Number: 0601542				
CLINTON HOUSES -NYCH Site ID: 66070 Program Number: 9608479	1405 PARK AVE	SSW 1/4 - 1/2 (0.337 mi.)	431	952
169 EAST 105TH ST Date Closed: 1996-03-30 Site ID: 105779 Program Number: 9516832	169 E.105TH ST	S 1/4 - 1/2 (0.339 mi.)	AT432	954
JACOB'S RESIDENCE Date Closed: 2005-10-21 Site ID: 223427 Program Number: 0203815	203 EAST 117TH ST	ENE 1/4 - 1/2 (0.351 mi.)	436	963
ST ANN CHURCH Date Closed: 2017-04-03 Site ID: 525778 Program Number: 1600506	312 EAST 110 STREET	SE 1/4 - 1/2 (0.392 mi.)	AU438	965
ST ANNES CHURCH Date Closed: 2006-02-07 Site ID: 286817 Program Number: 0103194	312 EAST 110TH ST	SE 1/4 - 1/2 (0.392 mi.)	AU439	968
UNKNOWN Date Closed: 2007-06-11 Site ID: 236346 Program Number: 0008608	222 EAST 119TH ST	ENE 1/4 - 1/2 (0.444 mi.)	451	1044
CORSI HOUSES (JEFFER Date Closed: 2014-06-20 Site ID: 116004 Program Number: 9500828	306 EAST 117TH STREE	E 1/4 - 1/2 (0.445 mi.)	452	1046
349 E 106TH ST/MANH/ Date Closed: 1992-07-16 Site ID: 170219 Program Number: 9009295	349 EAST 106TH STREE	SSE 1/4 - 1/2 (0.483 mi.)	BC460	1068
318 EAST 106HT ST Date Closed: 1996-02-16 Site ID: 247963 Program Number: 9514717	318 EAST 106TH ST	SSE 1/4 - 1/2 (0.490 mi.)	BC461	1069
CLOSED-LACKOF RECENT Date Closed: 2003-03-05 Site ID: 253942 Program Number: 8803679	2130 FIRST AVE	SE 1/4 - 1/2 (0.491 mi.)	463	1073

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

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approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TAFT HOUSES Database: UST, Date of Government Version: 12/22/2017	1367 FIFTH AVENUE	NNW 0 - 1/8 (0.116 mi.)	N143	267
JOHNSON HOUSES Database: UST, Date of Government Version: 12/22/2017	1809 LEXINGTON AVENUE	ESE 0 - 1/8 (0.116 mi.)	H145	286
1280-1285 5TH AVENUE Database: UST, Date of Government Version: 12/22/2017	1280-1285 5TH AVENUE	WSW 1/8 - 1/4 (0.147 mi.)	R201	426
63 EAST 115 STREET Database: UST, Date of Government Version: 12/22/2017	63 EAST 115TH STREET	NNE 1/8 - 1/4 (0.164 mi.)	U230	515
EAST HARLEM DISTRIBUTION Database: UST, Date of Government Version: 12/22/2017	158 EAST 115 STREET	ENE 1/8 - 1/4 (0.193 mi.)	AC288	635
LAKEVIEW APARTMENTS Database: UST, Date of Government Version: 12/22/2017	1590 MADISON AVENUE	SW 1/8 - 1/4 (0.199 mi.)	AB301	668
NEW WEST APARTMENTS- Database: UST, Date of Government Version: 12/22/2017	32/38 WEST 111TH STREET	WNW 1/8 - 1/4 (0.206 mi.)	W327	732
LAKEVIEW APARTMENTS Database: UST, Date of Government Version: 12/22/2017	4 EAST 107TH STREET	SW 1/8 - 1/4 (0.213 mi.)	AB339	755
83 EAST 116TH STREET Database: UST, Date of Government Version: 12/22/2017	83 EAST 116TH STREET	NNE 1/8 - 1/4 (0.216 mi.)	AD345	766

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
P.S. 108 - MANHATTAN Database: UST, Date of Government Version: 12/22/2017	1615 MADISON AVENUE	SW 1/8 - 1/4 (0.129 mi.)	K186	383
CLINTON HOUSES Database: UST, Date of Government Version: 12/22/2017	1485 PARK AVENUE	S 1/8 - 1/4 (0.130 mi.)	Q188	387
LEHMAN VILLAGE HOUSE Database: UST, Date of Government Version: 12/22/2017	70 EAST 108TH STREET	SSW 1/8 - 1/4 (0.158 mi.)	Q223	504
THE TWELVE SEVENTY F Database: UST, Date of Government Version: 12/22/2017	1270 FIFTH AVENUE	WSW 1/8 - 1/4 (0.166 mi.)	R235	523
105 E 106 STREET Database: UST, Date of Government Version: 12/22/2017	105 EAST 106TH STREET	S 1/8 - 1/4 (0.249 mi.)	417	924

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 43 NY AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TAFT HOUSES Database: AST, Date of Government Version: 12/22/2017 Facility Id: 2-357820	1367 FIFTH AVENUE	NNW 0 - 1/8 (0.116 mi.)	N143	267
JOHNSON HOUSES Database: AST, Date of Government Version: 12/22/2017 Facility Id: 2-474967	1809 LEXINGTON AVENUE	ESE 0 - 1/8 (0.116 mi.)	H147	303
FRAWLEY PLAZA ASSOCIATES Database: AST, Date of Government Version: 12/22/2017	1295 5TH AVE (1660 M)	WNW 0 - 1/8 (0.119 mi.)	152	315

EXECUTIVE SUMMARY

Facility Id: 2-091766				
PUBLIC SCHOOL 185 -	20 WEST 112TH STREET	NW 0 - 1/8 (0.120 mi.)	I154	319
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-354147				
NEW WEST APARTMENTS	16-22 WEST 111 ST	WNW 0 - 1/8 (0.122 mi.)	I159	332
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-611670				
WEST 110TH REALTY	15-19 WEST 110TH STR	WNW 1/8 - 1/4 (0.174 mi.)	W242	541
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-399876				
21 W 110 ST	21 WEST 110TH STREET	WNW 1/8 - 1/4 (0.186 mi.)	W263	585
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-145807				
MENON INVESTMENTS LL	35 WEST 110TH STREET	WNW 1/8 - 1/4 (0.189 mi.)	W283	624
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-402095				
1860-1862 LEXINGTON	1862 LEXINGTON AVENU	ENE 1/8 - 1/4 (0.197 mi.)	AC296	657
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-605677				
80 E 116 ST	80 EAST 116TH STREET	NE 1/8 - 1/4 (0.197 mi.)	U298	663
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-609108				
1630 PARK AVE ASSOCI	1630 PARK AVENUE	NE 1/8 - 1/4 (0.199 mi.)	AD304	680
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-340480				
LINCOLN CORRECTIONAL	31 WEST 110TH STREET	WNW 1/8 - 1/4 (0.200 mi.)	W309	693
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-151645				
102 EAST 116 LLC	102 EAST 116TH STREE	NE 1/8 - 1/4 (0.200 mi.)	AD311	697
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-604647				
NEW WEST APARTMENTS-	32/38 WEST 111TH STR	WNW 1/8 - 1/4 (0.206 mi.)	W328	734
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-600233				
PS 57	166 EAST 115TH STREE	ENE 1/8 - 1/4 (0.207 mi.)	AJ334	745
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-610955				
PUBLIC SCHOOL 57 - M	176 EAST 115TH STREE	E 1/8 - 1/4 (0.222 mi.)	AJ357	792
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-478415				
115 E 116 ST	115 EAST 116TH STREE	NE 1/8 - 1/4 (0.223 mi.)	AM361	799
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-611667				
123 E. 116TH STREET	123 EAST 116TH STREE	NE 1/8 - 1/4 (0.232 mi.)	AM379	835
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-273104				
MADISON COURT ASSOCI	75 EAST 116TH STREET	NNE 1/8 - 1/4 (0.236 mi.)	AI393	875
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-609150				
MADISON COURT ASSOC,	58 EAST 117TH STREET	NNE 1/8 - 1/4 (0.236 mi.)	AI394	878
Database: AST, Date of Government Version: 12/22/2017				

EXECUTIVE SUMMARY

Facility Id: 2-609151				
1652 PARK AVENUE ASS	1648 PARK AVENUE	NE 1/8 - 1/4 (0.237 mi.)	AD396	881
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-609983				
CHURCH OF THE LORD J	1421 FIFTH AVENUE	N 1/8 - 1/4 (0.243 mi.)	AG403	900
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-608293				
1775-77-79 MADISON A	1779- MADISON AVENUE	NNE 1/8 - 1/4 (0.247 mi.)	AI412	918
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-606952				
45 W. 110TH STREET	45 W. 110TH STREET	WNW 1/8 - 1/4 (0.250 mi.)	AO422	938
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-600844				
45-53 W 110TH ST HDF	45 WEST 110TH ST.	WNW 1/8 - 1/4 (0.250 mi.)	AO423	940
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-321214				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRP 88 EAST 111TH ST	88 EAST 111 STREET	S 0 - 1/8 (0.008 mi.)	B8	24
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-609819				
GREATER HIGHWAY DELI	132 EAST 111TH STREE	SE 0 - 1/8 (0.084 mi.)	D54	102
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-606513				
132 EAST 112TH ST. L	138 EAST 112TH STREE	ESE 0 - 1/8 (0.094 mi.)	H60	111
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-609666				
PUBLIC SCHOOL 101 -	141 EAST 111TH STREE	SE 0 - 1/8 (0.098 mi.)	H65	117
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-353787				
MULTIPLE DWELLING	19-21 EAST 109TH STR	WSW 0 - 1/8 (0.102 mi.)	G86	155
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-290726				
23 E 109 ST	23 EAST 109TH STREET	WSW 0 - 1/8 (0.102 mi.)	G88	159
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-114332				
1800 LEXINGTON AVE	1800 LEXINGTON AVE	ESE 0 - 1/8 (0.108 mi.)	H108	197
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-607285				
LEXINGTON NORTH REAL	1774 LEXINGTON AVE	SE 0 - 1/8 (0.114 mi.)	J140	261
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-406791				
P.S. 108 - MANHATTAN	1615 MADISON AVENUE	SW 1/8 - 1/4 (0.129 mi.)	K187	385
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-353795				
ST EDWARD THE MARTYR	14 EAST 109TH STREET	WSW 1/8 - 1/4 (0.130 mi.)	O189	394
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-278475				
1274 5TH AVE	1274 FIFTH AVENUE	WSW 1/8 - 1/4 (0.145 mi.)	R197	415
Database: AST, Date of Government Version: 12/22/2017				

EXECUTIVE SUMMARY

Facility Id: 2-601293				
HELL GATE	153 E 110TH STREET	SE 1/8 - 1/4 (0.147 mi.)	M199	420
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-365343				
CARITAS DEVELOPMENT	1759-73 LEXINGTON AV	SSE 1/8 - 1/4 (0.149 mi.)	J206	444
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-287865				
VILLA HERMOSA APTS	1600 MADISON AVENUE	SW 1/8 - 1/4 (0.157 mi.)	O214	488
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-600162				
AGUILAR BRANCH LIBRA	174 EAST 110TH STREE	SE 1/8 - 1/4 (0.187 mi.)	T267	595
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-456977				
NY PRESTIGE INC	2013 THIRD AVENUE	SE 1/8 - 1/4 (0.220 mi.)	AL352	781
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-610411				
204 EAST 112 LLC	204 EAST 112TH ST	ESE 1/8 - 1/4 (0.240 mi.)	AE400	893
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-085502				
105 E 106 ST	105 EAST 106TH STREE	S 1/8 - 1/4 (0.249 mi.)	417	924
Database: AST, Date of Government Version: 12/22/2017				
Facility Id: 2-603058				

NY TANKS: 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.

A review of the NY TANKS list, as provided by EDR, has revealed that there are 2 NY TANKS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
137 EAST 110 LLC	137 EAST 110TH STREE	SE 0 - 1/8 (0.101 mi.)	D82	149
Database: TANKS, Date of Government Version: 12/22/2017				
Facility Id: 2-603407				
Site Status: Active				
137 EAST 110 LLC	139 EAST 110TH STREE	SE 0 - 1/8 (0.105 mi.)	J104	189
Database: TANKS, Date of Government Version: 12/22/2017				
Facility Id: 2-603405				
Site Status: Active				

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 are 2 NY VCP sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
23 WEST 116TH STREET Database: VCP NYC, Date of Government Version: 10/04/2017	23 WEST 116TH STREET	NNW 1/4 - 1/2 (0.285 mi.)	426	945

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2211 THIRD AVENUE Database: VCP NYC, Date of Government Version: 10/04/2017	2211 THIRD AVENUE	ENE 1/4 - 1/2 (0.495 mi.)	467	1084

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 10/31/2017 has revealed that there are 29 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VAULT #5033 Date Closed: 2004-02-06 Spill Number: 9910337 Site ID: 263456	1695 MADISON AV	0 - 1/8 (0.000 mi.)	A5	16
VAULT 2349 Date Closed: 2004-03-17 Spill Number: 0105881 Site ID: 207569	MADISON/E 112TH ST	NNW 0 - 1/8 (0.013 mi.)	A14	37
E2MIS 157505 Date Closed: 2005-06-22 Spill Number: 0412815 Site ID: 338408	28 E. 112TH ST	NW 0 - 1/8 (0.022 mi.)	A25	50
ROADWAY Date Closed: 2008-04-09 Spill Number: 0800328 Site ID: 396064	MADISON AVE/EAST 113	N 0 - 1/8 (0.053 mi.)	E31	62
VAULTS 8910, 8993, 9 Date Closed: 2016-08-04 Spill Number: 1407113 Site ID: 500612	2 EAST 111TH ST	WNW 0 - 1/8 (0.101 mi.)	I75	138
SOIL Date Closed: 2017-03-29 Spill Number: 1602729 Site ID: 529148	1810 LEXINGTON AVE	ESE 0 - 1/8 (0.108 mi.)	H107	196
HOUSING PROJECT Date Closed: 2003-03-03 Spill Number: 9802907	1740 MADISON AVE	N 0 - 1/8 (0.109 mi.)	L116	218

EXECUTIVE SUMMARY

Site ID: 198881				
TAFT HOUSES -NYCHA	1740 MADISON AVENUE	N 0 - 1/8 (0.109 mi.)	L117	219
Date Closed: 1994-11-17				
Date Closed: 1991-04-15				
Spill Number: 8809818				
Spill Number: 9100577				
Site ID: 255200				
Site ID: 79278				
ENGINE CO. 058/LADD.	1367 5TH AVENUE	NNW 0 - 1/8 (0.116 mi.)	N144	280
Date Closed: 2003-10-31				
Spill Number: 9702345				
Spill Number: 9704554				
Site ID: 190797				
Site ID: 190798				
NYCHA - JOHNSON HOUS	1809 LEXINGTON AVE	ESE 0 - 1/8 (0.116 mi.)	H146	290
Date Closed: 2005-10-25				
Date Closed: 2008-09-26				
Date Closed: 2008-04-08				
Spill Number: 0000572				
Spill Number: 0306729				
Spill Number: 0800254				
Site ID: 289001				
Site ID: 265756				
Site ID: 395980				
JOHNSON HOUSES	1809 LEXINGTON AVENU	ESE 0 - 1/8 (0.116 mi.)	H147	303
Date Closed: 2003-03-24				
Date Closed: 1993-07-06				
Spill Number: 0205660				
Spill Number: 9106694				
Site ID: 272945				
Site ID: 265757				
PS 185	20 WEST 112TH ST	NW 0 - 1/8 (0.120 mi.)	I153	318
Date Closed: 1999-03-10				
Spill Number: 9814724				
Site ID: 120675				
PS 185	20 W 112TH ST	NW 0 - 1/8 (0.120 mi.)	I155	322
Date Closed: 1999-03-06				
Spill Number: 9814544				
Site ID: 98139				
Lower Elevation	Address	Direction / Distance	Map ID	Page
ROAD INTERSECTION	E. 112 TH ST AND PAR	E 0 - 1/8 (0.016 mi.)	B19	42
Date Closed: 2004-01-05				
Spill Number: 0311039				
Site ID: 245434				
TWO PINT RELEASE AT	35-43 110 STREET	WSW 0 - 1/8 (0.056 mi.)	C32	63
Date Closed: 2007-02-16				
Spill Number: 0605256				
Site ID: 368387				
CENTRAL PARK/THE LAK	59TH ST/110TH ST	SW 0 - 1/8 (0.068 mi.)	C42	76
Date Closed: 2000-03-06				

EXECUTIVE SUMMARY

Spill Number: 9913687 Site ID: 255959				
ON ROADWAY Date Closed: 2008-02-25 Spill Number: 0712336 Site ID: 393936	100 110TH STREET	S 0 - 1/8 (0.069 mi.)	F43	77
138 EAST 112TH ST Date Closed: 2005-08-25 Spill Number: 0402850 Site ID: 306253	138 EAST 112TH ST	ESE 0 - 1/8 (0.094 mi.)	H59	110
RESIDENTIAL BUILDING Date Closed: 2004-12-27 Spill Number: 0410569 Site ID: 335580	19-21 EAST 109TH ST	WSW 0 - 1/8 (0.100 mi.)	G69	130
SOIL Date Closed: 2011-04-08 Spill Number: 1100017 Site ID: 447382	19-21 EAST 109TH ST	WSW 0 - 1/8 (0.100 mi.)	G71	133
MANHOLE 42025 Date Closed: 2004-02-05 Spill Number: 9908863 Site ID: 312563	E 109TH ST & PARK AV	S 0 - 1/8 (0.101 mi.)	F78	142
BASEMENT Date Closed: 2012-12-20 Spill Number: 1206708 Site ID: 469716	19-21 E 109TH ST	WSW 0 - 1/8 (0.102 mi.)	G84	153
LEXINGTON AVE Date Closed: 2008-04-25 Spill Number: 0800725 Site ID: 396531	LEXINGTON AVE/EAST 1	ESE 0 - 1/8 (0.110 mi.)	H129	243
SPILL NUMBER 9809080 Date Closed: 2003-11-14 Spill Number: 9809080 Site ID: 154881	E 112 ST & LEXINGTON	ESE 0 - 1/8 (0.110 mi.)	H130	244
219438; LEXINGTON AV Date Closed: 2009-12-04 Spill Number: 0914652 Site ID: 433951	LEXINGTON AVE AND 11	ESE 0 - 1/8 (0.110 mi.)	H133	249
MANHOLE 39156 Date Closed: 2003-11-04 Spill Number: 9808280 Site ID: 66986	E 112TH ST/LEXINGTON	ESE 0 - 1/8 (0.110 mi.)	H134	250
NYCT (ON 6 LINE) Spill Number: 1705674 Site ID: 558971	1774 LEXINGTON AVE	SE 0 - 1/8 (0.114 mi.)	J139	257
MANHOLE #39138 Date Closed: 2003-11-14 Spill Number: 9809081 Site ID: 71338	E 110TH ST & LEXINGT	SE 0 - 1/8 (0.124 mi.)	J164	343
MANHOLE #39138	EAST 110 AND LEXINGT	SE 0 - 1/8 (0.124 mi.)	J174	361

EXECUTIVE SUMMARY

Date Closed: 2003-11-04
 Spill Number: 9809172
 Site ID: 264422

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 12/11/2017 has revealed that there are 177 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE B	1691 MADISON AVE	0 - 1/8 (0.000 mi.)	A1	8
CON EDISON SERVICE B	1683 MADISON AVE	0 - 1/8 (0.000 mi.)	A2	10
CON EDISON SERVICE B	1699 MADISON AVE	NNW 0 - 1/8 (0.008 mi.)	A9	26
NYCHA	65 E 112TH ST	ENE 0 - 1/8 (0.009 mi.)	B10	29
CON EDISON	MADISON AVE & E 112T	NNW 0 - 1/8 (0.009 mi.)	A11	33
CON EDISON MANHOLE:	1696 MADISON AVE	NW 0 - 1/8 (0.016 mi.)	A21	44
CON EDISON SERVICE B	1688 MADISON AVE	NW 0 - 1/8 (0.016 mi.)	A22	47
CON EDISON	21 E 110TH ST	W 0 - 1/8 (0.071 mi.)	G44	79
CON EDISON	10 E 110TH ST & 5TH	W 0 - 1/8 (0.086 mi.)	G57	107
CON EDISON SERVICE B	1733 MADISON AVE FRO	NNE 0 - 1/8 (0.098 mi.)	E67	124
CON EDISON VAULT: 89	2 E 111TH ST VAULT 8	WNW 0 - 1/8 (0.101 mi.)	I74	137
CON EDISON VAULT: 90	2 E 111TH ST VAULT 9	WNW 0 - 1/8 (0.101 mi.)	I76	139
CON EDISON MANHOLE:	E 5TH AVE & 112TH ST	NW 0 - 1/8 (0.104 mi.)	I93	167
CON EDISON	W 112TH ST & 5TH AVE	NW 0 - 1/8 (0.104 mi.)	I94	170
CON EDISON SERVICE B	1812 LEXINGTON AVE	ESE 0 - 1/8 (0.108 mi.)	H109	199
CON EDISON SERVICE B	6 W 112TH ST	NW 0 - 1/8 (0.108 mi.)	I110	201
CON EDISON SERVICE B	5 W 112TH ST	NW 0 - 1/8 (0.109 mi.)	I112	206
NYCHA - TAFT HOUSES	1740 MADISON AVE	N 0 - 1/8 (0.109 mi.)	L115	215
CON EDISON SERVICE B	10 W 112TH ST	NW 0 - 1/8 (0.112 mi.)	I136	253
CON EDISON SERVICE B	1367 5TH AVE	NNW 0 - 1/8 (0.116 mi.)	N142	265
NYCHA - JOHNSON HOUS	1809 LEXINGTON AVE	ESE 0 - 1/8 (0.116 mi.)	H146	290
NYCHA - TAFT	1365 5TH AVE	NNW 0 - 1/8 (0.116 mi.)	N149	309
CON EDISON SERVICE B	18 W 112TH ST	NW 0 - 1/8 (0.119 mi.)	I151	313
CON EDISON SERVICE B	1615 PARK AVE FRONT	NE 0 - 1/8 (0.122 mi.)	160	334
CON EDISON SERVICE B	24 W 112TH ST	NW 0 - 1/8 (0.123 mi.)	I162	339
CON EDISON SERVICE B	24 W 112TH ST	NW 0 - 1/8 (0.123 mi.)	I163	341
NYCHA JOHNSON HOUSES	1840 LEXINGTON AVE	E 0 - 1/8 (0.125 mi.)	P179	368
NYCHA - JOHNSON HOUS	1844 LEXINGTON AVE	E 1/8 - 1/4 (0.125 mi.)	P180	370
CON EDISON MANHOLE 5	1 E 109TH ST E OF 5T	WSW 1/8 - 1/4 (0.134 mi.)	R191	400
CON EDISON	1830 LEXINGTON AVE &	E 1/8 - 1/4 (0.136 mi.)	P192	403
CON EDISON	1829 LEXINGTON AVE &	E 1/8 - 1/4 (0.142 mi.)	P196	411
CON EDISON SERVICE B	E 109TH ST & 5TH AVE	WSW 1/8 - 1/4 (0.147 mi.)	R200	422
CON EDISON SERVICE B	2 E 109TH ST E OF 5T	WSW 1/8 - 1/4 (0.148 mi.)	R205	440
CON EDISON	63 E 115TH ST	NNE 1/8 - 1/4 (0.164 mi.)	U229	514
CON EDISON SERVICE B	1393 5TH AVE	NNW 1/8 - 1/4 (0.166 mi.)	Y237	529
CON EDISON SERVICE B	1755 MADISON AVE FRO	NNE 1/8 - 1/4 (0.168 mi.)	U238	531
CON EDISON SERVICE B	1397 5TH AVE	N 1/8 - 1/4 (0.176 mi.)	Y246	547
CON EDISON SERVICE B	1759 MADISON AVE FRO	NNE 1/8 - 1/4 (0.176 mi.)	U247	549

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYCHA - KING TOWERS	2 W 115TH ST	NNW 1/8 - 1/4 (0.181 mi.)	Y250	556
CON EDISON SERVICE B	10 E 108TH ST OPPOS	WSW 1/8 - 1/4 (0.183 mi.)	AA252	561
CON EDISON SERVICE B	10 E 108TH ST	WSW 1/8 - 1/4 (0.183 mi.)	AA253	563
CON EDISON TRANSFORM	E 115TH ST & 5TH AVE	N 1/8 - 1/4 (0.183 mi.)	Y254	565
CON EDISON SERVICE B	133 E 115TH ST	ENE 1/8 - 1/4 (0.183 mi.)	AC256	569
CON EDISON SERVICE B	21 W 110TH ST SB 181	WNW 1/8 - 1/4 (0.186 mi.)	W261	578
CON EDISON SERVICE B	21 W 110TH ST SB 181	WNW 1/8 - 1/4 (0.186 mi.)	W262	581
CON EDISON	115TH ST & LEXINGTON	ENE 1/8 - 1/4 (0.188 mi.)	AC271	602
CON EDISON	115TH ST & LEXINGTON	ENE 1/8 - 1/4 (0.188 mi.)	AC272	603
CON EDISON VAULT: 87	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC273	604
CON EDISON MANHOLE:	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC274	606
CON EDISON	LEXINGTON AVE & W 11	ENE 1/8 - 1/4 (0.188 mi.)	AC275	608
CON EDISON MANHOLE 3	LEXINGTON AVE & E 11	ENE 1/8 - 1/4 (0.188 mi.)	AC276	609
CON EDISON MANHOLE 3	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC277	613
CON EDISON MANHOLE 3	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC281	620
CON EDISON MANHOLE:	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC282	623
CON EDISON SERVICE B	1765 MADISON AVE FRO	NNE 1/8 - 1/4 (0.192 mi.)	U285	628
CON EDISON SERVICE B	60 E 116TH ST OPPOS	NNE 1/8 - 1/4 (0.194 mi.)	U292	642
CON EDISON SERVICE B	60 E 116TH ST	NNE 1/8 - 1/4 (0.194 mi.)	U293	645
CON EDISON SERVICE B	1630 PARK AVE FRONT	NE 1/8 - 1/4 (0.199 mi.)	AD303	678
CON EDISON	1630 PARK AVE	NE 1/8 - 1/4 (0.199 mi.)	AD305	682
CON EDISON SERVICE B	1630 PARK AVE	NE 1/8 - 1/4 (0.199 mi.)	AD307	685
CON EDISON SERVICE B	27 W 110TH ST	WNW 1/8 - 1/4 (0.201 mi.)	W314	703
CON EDISON SERVICE B	10 E 116TH ST FRONT	N 1/8 - 1/4 (0.204 mi.)	AG318	712
CON EDISON SERVICE B	153 E 115TH ST E OF	ENE 1/8 - 1/4 (0.206 mi.)	AC325	727
CON EDISON	116TH ST & MADISON A	NNE 1/8 - 1/4 (0.207 mi.)	AI333	744
CON EDISON SERVICE B	1400 5TH AVE FRONT O	N 1/8 - 1/4 (0.213 mi.)	Y338	753
CON EDISON SERVICE B	161 E 115TH ST E OF	ENE 1/8 - 1/4 (0.214 mi.)	AC342	760
MCQUESTON DEVELOPMEN	67-85 E 116TH ST	NNE 1/8 - 1/4 (0.216 mi.)	AI346	770
CON EDISON SERVICE B	103 E 116TH ST	NE 1/8 - 1/4 (0.220 mi.)	AD353	783
CON EDISON SERVICE B	150 E 116TH ST	ENE 1/8 - 1/4 (0.223 mi.)	AC358	795
CON EDISON SERVICE B	150 E 116TH ST FRONT	ENE 1/8 - 1/4 (0.223 mi.)	AC359	796
CON EDISON SERVICE B	169 E 115TH ST E OF	ENE 1/8 - 1/4 (0.226 mi.)	AJ364	804
CON EDISON SERVICE B	24 W 115TH ST FRONT	NNW 1/8 - 1/4 (0.228 mi.)	AN365	807
CON EDISON SERVICE B	1644 PARK AVE N OF E	NE 1/8 - 1/4 (0.228 mi.)	AD366	810
CON EDISON	121 E 116TH ST	NE 1/8 - 1/4 (0.228 mi.)	AM368	814
CON EDISON	115 E 116TH ST	NE 1/8 - 1/4 (0.229 mi.)	AM370	817
CON EDISON	115 E 116TH ST	NE 1/8 - 1/4 (0.229 mi.)	AM372	819
CON EDISON SERVICE B	W 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.230 mi.)	AG374	822
CON EDISON SERVICE B	3034 LEXINGTON AVE	ENE 1/8 - 1/4 (0.231 mi.)	AC375	825
CON EDISON	E 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.231 mi.)	AG376	827
CON EDISON SERVICE B	W 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.231 mi.)	AG377	831
CON EDISON	W 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.231 mi.)	AG378	834
CON EDISON MANHOLE 3	E 116TH ST & LEXINGT	ENE 1/8 - 1/4 (0.234 mi.)	AM382	841
CON EDISON	2070 3RD AVE S OF E	E 1/8 - 1/4 (0.234 mi.)	384	852
CON EDISON SERVICE B	6 WEST 116 STREET	N 1/8 - 1/4 (0.234 mi.)	AP385	855
CON EDISON SERVICE B	1 E 116TH ST FRONT O	N 1/8 - 1/4 (0.236 mi.)	AG388	861
CON EDISON SERVICE B	10 W 116TH ST	N 1/8 - 1/4 (0.240 mi.)	AP398	886
CON EDISON SERVICE B	10 W 116TH ST E OF L	N 1/8 - 1/4 (0.240 mi.)	AP399	889
CON EDISON SERVICE B	179 E 115TH ST E OF	ENE 1/8 - 1/4 (0.241 mi.)	AJ401	895
CON EDISON SERVICE B	36 W 115TH ST FRONT	NNW 1/8 - 1/4 (0.241 mi.)	AN402	898
CON EDISON SERVICE B	1 W 116TH ST	N 1/8 - 1/4 (0.244 mi.)	AP404	903
CON EDISON VAULT: 78	31 W 115TH ST FRONT	NNW 1/8 - 1/4 (0.246 mi.)	AN409	912
CON EDISON SERVICE B	137 E 116TH ST	ENE 1/8 - 1/4 (0.247 mi.)	AM410	914
CON EDISON SERVICE B	110 E 117TH ST	NE 1/8 - 1/4 (0.250 mi.)	AR418	928
CON EDISON SERVICE B	104 E 117TH ST	NE 1/8 - 1/4 (0.250 mi.)	AR419	931

EXECUTIVE SUMMARY

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CON EDISON SERVICE B	104 E 117TH ST	NE 1/8 - 1/4 (0.250 mi.)	AR420	933
CON EDISON SERVICE B	45 W 110TH ST	WNW 1/8 - 1/4 (0.250 mi.)	AO421	935
Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE B	1677 MADISON AVE	0 - 1/8 (0.000 mi.)	A4	14
CON EDISON MANHOLE:	E 111TH ST & PARK A	SE 0 - 1/8 (0.014 mi.)	B16	39
CON EDISON SERVICE B	74 E 111TH ST FRONT	SSW 0 - 1/8 (0.015 mi.)	B18	40
CON EDISON SERVICE B	1583 PARK AVE	ESE 0 - 1/8 (0.025 mi.)	B27	52
CON EDISON SERVICE B	1583 PARK AVE FRONT	ESE 0 - 1/8 (0.025 mi.)	B28	54
CON EDISON SERVICE B	112 E 111TH ST FRONT	SE 0 - 1/8 (0.052 mi.)	D30	60
CON EDISON SERVICE B	E 110TH ST & MADISON	WSW 0 - 1/8 (0.056 mi.)	C34	66
CON EDISON MANHOLE:	PARK AVE & 110TH ST	S 0 - 1/8 (0.060 mi.)	F35	67
CON EDISON	27 E 110TH ST	WSW 0 - 1/8 (0.065 mi.)	G41	75
BROTHERS CLEANERS	1644 MADISON AVE	WSW 0 - 1/8 (0.077 mi.)	G47	85
CON EDISON SERVICE B	1503 PARK AVE	S 0 - 1/8 (0.094 mi.)	F62	113
CON EDISON SERVICE B	132 E 110TH ST	SSE 0 - 1/8 (0.099 mi.)	J68	126
CON EDISON SERVICE B	55 E 109TH ST	SW 0 - 1/8 (0.101 mi.)	K80	144
CON EDISON	73 E 109TH ST E MADI	SSW 0 - 1/8 (0.101 mi.)	K81	146
CON EDISON	77 E 109TH ST W OF P	SSW 0 - 1/8 (0.101 mi.)	K83	149
CON EDISON MANHOLE 5	E 109TH & MADISON AV	SW 0 - 1/8 (0.105 mi.)	K97	176
CON EDISON	E MADISON AVE & 109T	SW 0 - 1/8 (0.105 mi.)	K98	178
CON EDISON MANHOLE 5	E 109TH ST & MADISON	SW 0 - 1/8 (0.105 mi.)	K100	180
CON EDISON MANHOLE 5	E 109TH ST & MADISON	SW 0 - 1/8 (0.105 mi.)	K101	184
CON EDISON	E 109TH ST BTWN 5TH	SW 0 - 1/8 (0.105 mi.)	K102	186
CON EDISON SERVICE B	E 109TH ST & PARK AV	S 0 - 1/8 (0.105 mi.)	F103	187
CON EDISON SERVICE B	1806 LEXINGTON AVE	ESE 0 - 1/8 (0.107 mi.)	H106	194
CON EDISON SERVICE B	68 E 109TH ST	SSW 0 - 1/8 (0.109 mi.)	K111	204
CON EDISON SERVICE B	11 E 109TH ST	WSW 0 - 1/8 (0.109 mi.)	G113	208
CON EDISON SERVICE B	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M123	232
CON EDISON	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M124	234
CON EDISON	LEXINGTON AVE & E 11	SE 0 - 1/8 (0.110 mi.)	M125	235
CON EDISON	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M126	239
CON EDISON MANHOLE:	LEXINGTON AVE & 112T	ESE 0 - 1/8 (0.110 mi.)	H128	241
CON EDISON	LEXINGTON AVE & E 11	ESE 0 - 1/8 (0.110 mi.)	H132	247
CON EDISON MANHOLE:	E 112TH ST & LEXINGT	ESE 0 - 1/8 (0.110 mi.)	H135	251
CON EDISON SERVICE B	1774 LEXINGTON AVE	SE 0 - 1/8 (0.114 mi.)	J141	263
CON EDISON SERVICE B	1799 LEXINGTON AVE	ESE 0 - 1/8 (0.123 mi.)	H161	336
CON EDISON	W 110TH ST & LEXINGT	SE 0 - 1/8 (0.124 mi.)	J166	348
CON EDISON MANHOLE 3	E 110TH ST & LEXINGT	SE 0 - 1/8 (0.124 mi.)	J167	349
CON EDISON	LEXINGTON AVE & 110T	SE 0 - 1/8 (0.124 mi.)	J176	363
NYCTA - 186 CENTRAL	110TH ST & LEXINGTON	SE 0 - 1/8 (0.124 mi.)	J177	365
CON EDISON	LEXINGTON AVE & 110T	SE 0 - 1/8 (0.124 mi.)	J178	367
CON EDISON SERVICE B	1484 PARK AVE	SSW 1/8 - 1/4 (0.126 mi.)	Q181	372
CON EDISON SERVICE B	16 E 109TH ST	WSW 1/8 - 1/4 (0.127 mi.)	O184	376
CON EDISON	1777 LEXINGTON AVE	SE 1/8 - 1/4 (0.130 mi.)	J190	396
CON EDISON SERVICE B	1601 MADISON AVE	SW 1/8 - 1/4 (0.139 mi.)	K195	409
CON EDISON	154 E 110TH ST	SSE 1/8 - 1/4 (0.146 mi.)	T198	417
CON EDISON SERVICE B	51 E 108TH ST	SSW 1/8 - 1/4 (0.150 mi.)	Q207	446
CON EDISON MANHOLE 1	158 E 110TH ST E OF	SE 1/8 - 1/4 (0.155 mi.)	T208	448
CON EDISON SERVICE B	158 E 110TH ST	SE 1/8 - 1/4 (0.155 mi.)	T209	452
CON EDISON	E 108TH ST & PARK AV	SSW 1/8 - 1/4 (0.155 mi.)	Q210	454
CON EDISON SERVICE B	155-157 E 109TH ST &	SSE 1/8 - 1/4 (0.157 mi.)	T216	493
CON EDISON SERVICE B	155 E 109TH ST	SSE 1/8 - 1/4 (0.157 mi.)	T218	496
CON EDISON	50 E 108TH ST	SSW 1/8 - 1/4 (0.158 mi.)	Q219	499
CON EDISON SERVICE B	1608 MADISON AVE	SW 1/8 - 1/4 (0.160 mi.)	O226	509

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON	100 E 108TH ST	S 1/8 - 1/4 (0.166 mi.)	X236	525
CON EDISON SERVICE B	19 E 108TH ST	WSW 1/8 - 1/4 (0.171 mi.)	AA240	537
CON EDISON	182 E 111TH ST	SE 1/8 - 1/4 (0.174 mi.)	V244	544
CON EDISON SERVICE B	1600 MADISON AVE	SW 1/8 - 1/4 (0.177 mi.)	AB248	551
CON EDISON SERVICE B	156 E 109TH ST	SSE 1/8 - 1/4 (0.178 mi.)	Z249	553
CON EDISON SERVICE B	176 E 112TH ST FRONT	ESE 1/8 - 1/4 (0.181 mi.)	S251	559
CON EDISON SERVICE B	1595 MADISON AVE	SSW 1/8 - 1/4 (0.184 mi.)	AB260	576
CON EDISON SERVICE B	2026 3RD AVE	ESE 1/8 - 1/4 (0.194 mi.)	V291	640
CON EDISON	101 E 107TH ST	S 1/8 - 1/4 (0.197 mi.)	X297	659
CON EDISON SERVICE B	2014 3RD AVE	SE 1/8 - 1/4 (0.198 mi.)	V299	665
CON EDISON SERVICE B	183 E 109TH ST	SSE 1/8 - 1/4 (0.204 mi.)	AF317	708
CON EDISON SERVICE B	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH321	717
CON EDISON	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH322	719
CON EDISON MANHOLE 4	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH323	722
CON EDISON SERVICE B	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH324	726
CON EDISON	E 112TH ST & 3RD AVE	ESE 1/8 - 1/4 (0.207 mi.)	AE329	737
CON EDISON SERVICE B	182 E 109TH ST	SSE 1/8 - 1/4 (0.208 mi.)	AF335	748
CON EDISON	2011 110TH ST & 3RD	SE 1/8 - 1/4 (0.214 mi.)	AF341	759
CON EDISON	2027 3RD AVE	ESE 1/8 - 1/4 (0.219 mi.)	AE350	778
CON EDISON SERVICE B	2011 3RD AVE	SE 1/8 - 1/4 (0.221 mi.)	AL355	785
R & S STRAUSS	2005-07 3RD AVE	SE 1/8 - 1/4 (0.223 mi.)	AL362	801
CON EDISON SERVICE B	1974 3RD AVE	SSE 1/8 - 1/4 (0.232 mi.)	AF381	839
CON EDISON SERVICE B	1997 3RD AVE & 109TH	SE 1/8 - 1/4 (0.236 mi.)	AF389	863
CON EDISON SERVICE B	1985 3RD AVE & E 109	SE 1/8 - 1/4 (0.236 mi.)	AF390	866
CON EDISON SERVICE B	1985 3RD AVE & E 109	SE 1/8 - 1/4 (0.236 mi.)	AF391	870
CON EDISON SERVICE B	1980 3RD AVE	SE 1/8 - 1/4 (0.236 mi.)	AF392	873
CON EDISON SERVICE B	1970 3RD AVE	SSE 1/8 - 1/4 (0.237 mi.)	AF397	884
CON EDISON	1444 PARK AVE N OF E	SSW 1/8 - 1/4 (0.245 mi.)	AH405	905
CON EDISON	1705 LEXINGTON AVE	S 1/8 - 1/4 (0.245 mi.)	AQ408	911
CON EDISON SERVICE B	214 E 111TH ST FRONT	SE 1/8 - 1/4 (0.249 mi.)	AL415	922

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 11/22/2017 has revealed that there are 6 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MADISON CLEANERS Facility Id: 2-6204-01388	1716 MADISON AVE	N 0 - 1/8 (0.078 mi.)	E50	90
MARCEL CLEANERS Facility Id: 2-6203-00167	56 E 116TH ST	NNE 1/8 - 1/4 (0.194 mi.)	U294	647
106 STREET FRENCH DR Facility Id: 2-6204-00174	1590 MADISON AVE	SW 1/8 - 1/4 (0.199 mi.)	AB302	670
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BROTHERS/DYW CLEANER Facility Id: 2-6204-01208	1644 MADISON AVENUE	WSW 0 - 1/8 (0.077 mi.)	G49	90
CHIPS CLEANERS Facility Id: 2-6204-01614	1787 LEXINGTON AVE	SE 0 - 1/8 (0.121 mi.)	M158	331
NEW HARLEM CLEANERS	2008 THIRD AVENUE	SE 1/8 - 1/4 (0.200 mi.)	V313	702

EXECUTIVE SUMMARY

Facility Id: 2-6204-01200

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 10/31/2017 has revealed that there are 5 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 50,TAXBLOCK 1616	1665 MADISON AVENUE	WSW 0 - 1/8 (0.013 mi.)	A15	38
LOT 141,TAXBLOCK 161	86 EAST 111 STREET	S 0 - 1/8 (0.018 mi.)	B23	49
LOT 38,TAXBLOCK 1616	94 EAST 111 STREET	S 0 - 1/8 (0.018 mi.)	B24	50
LOT 52,TAXBLOCK 1616	1661 MADISON AVENUE	WSW 0 - 1/8 (0.023 mi.)	C26	52
LOT 36,TAXBLOCK 1616	1516 PARK AVENUE	S 0 - 1/8 (0.062 mi.)	F36	68

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 12/31/2017 has revealed that there are 236 NY MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON SERVICE B EPA ID: NYP004300596	1691 MADISON AVE	0 - 1/8 (0.000 mi.)	A1	8
CON EDISON SERVICE B EPA ID: NYP004300604	1683 MADISON AVE	0 - 1/8 (0.000 mi.)	A2	10
CON EDISON SERVICE B EPA ID: NYP004238800	1699 MADISON AVE	NNW 0 - 1/8 (0.008 mi.)	A9	26
NYCHA EPA ID: NYD980777387	65 E 112TH ST	ENE 0 - 1/8 (0.009 mi.)	B10	29
CON EDISON EPA ID: NYP004794855	MADISON AVE & E 112T	NNW 0 - 1/8 (0.009 mi.)	A12	34
CON EDISON MANHOLE: EPA ID: NYP004273637	1696 MADISON AVE	NW 0 - 1/8 (0.016 mi.)	A21	44
CON EDISON SERVICE B EPA ID: NYP004300570	1688 MADISON AVE	NW 0 - 1/8 (0.016 mi.)	A22	47
CON EDISON - SERVICE EPA ID: NYP004301024 EPA ID: NYP004730701	21 E.110 ST	W 0 - 1/8 (0.071 mi.)	G45	80
MADISON CLEANERS EPA ID: NYD986999316	1716 MADISON AVE	N 0 - 1/8 (0.078 mi.)	E50	90
CON EDISON EPA ID: NYP004662748	1718 MADISON AV	N 0 - 1/8 (0.081 mi.)	E53	101
CON EDISON EPA ID: NYP004301040	12 E110 ST	WSW 0 - 1/8 (0.085 mi.)	G55	104
CON EDISON EPA ID: NYP004662730	1730 MADISON AV	N 0 - 1/8 (0.096 mi.)	E64	116
CON EDISON SERVICE B	1733 MADISON AVE FRO	NNE 0 - 1/8 (0.098 mi.)	E67	124

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EPA ID: NYP004300117				
CON EDISON	2 E 111TH ST VAULT 8	WNW 0 - 1/8 (0.101 mi.)	I72	134
EPA ID: NYP004575098				
CON EDISON	2 EAST 111TH ST	WNW 0 - 1/8 (0.101 mi.)	I73	135
EPA ID: NYP004671863				
CON EDISON	2 E 111TH ST VAULT 9	WNW 0 - 1/8 (0.101 mi.)	I77	140
EPA ID: NYP004575072				
CON EDISON - MANHOLE	5TH AVE & 111 ST	WNW 0 - 1/8 (0.103 mi.)	I90	164
EPA ID: NYP004909640				
CONSOLIDATED EDISON	E 111TH ST & FIFTH A	WNW 0 - 1/8 (0.103 mi.)	I91	164
EPA ID: NYP004186110				
CONSOLIDATED EDISON	WEST 112 ST & 5TH AV	NW 0 - 1/8 (0.104 mi.)	I92	166
EPA ID: NYP004185609				
CON EDISON MANHOLE:	E 5TH AVE & 112TH ST	NW 0 - 1/8 (0.104 mi.)	I93	167
EPA ID: NYP004343802				
CON EDISON	W 112TH ST & 5TH AVE	NW 0 - 1/8 (0.104 mi.)	I94	170
EPA ID: NYP004189684				
CON EDISON SERVICE B	1812 LEXINGTON AVE	ESE 0 - 1/8 (0.108 mi.)	H109	199
EPA ID: NYP004455093				
CON EDISON SERVICE B	6 W 112TH ST	NW 0 - 1/8 (0.108 mi.)	I110	201
EPA ID: NYP004301347				
CON EDISON SERVICE B	5 W 112TH ST	NW 0 - 1/8 (0.109 mi.)	I112	206
EPA ID: NYP004300679				
NYCHA - TAFT HOUSES	1740 MADISON AVE	N 0 - 1/8 (0.109 mi.)	L115	215
EPA ID: NYD980235048				
CON EDISON SERVICE B	10 W 112TH ST	NW 0 - 1/8 (0.112 mi.)	I136	253
EPA ID: NYP004301115				
CON EDISON SERVICE B	1367 5TH AVE	NNW 0 - 1/8 (0.116 mi.)	N142	265
EPA ID: NYP004422192				
NYCHA - JOHNSON HOU	1809 LEXINGTON AVE	ESE 0 - 1/8 (0.116 mi.)	H146	290
EPA ID: NYR000053439				
NYCHA - TAFT	1365 5TH AVE	NNW 0 - 1/8 (0.116 mi.)	N149	309
EPA ID: NYR000053090				
CON EDISON SERVICE B	18 W 112TH ST	NW 0 - 1/8 (0.119 mi.)	I151	313
EPA ID: NYP004301123				
PUBLIC SCHOOL 208M &	20 W 112TH ST	NW 0 - 1/8 (0.120 mi.)	I156	323
EPA ID: NYD986882405				
CON EDISON SERVICE B	1615 PARK AVE FRONT	NE 0 - 1/8 (0.122 mi.)	160	334
EPA ID: NYP004316675				
CON EDISON SERVICE B	24 W 112TH ST	NW 0 - 1/8 (0.123 mi.)	I162	339
EPA ID: NYP004301313				
CON EDISON SERVICE B	24 W 112TH ST	NW 0 - 1/8 (0.123 mi.)	I163	341
EPA ID: NYP004300695				
CON EDISON MANHOLE 5	1 E 109TH ST E OF 5T	WSW 1/8 - 1/4 (0.134 mi.)	R191	400
EPA ID: NYP004221339				
CON EDISON	1830 LEXINGTON AVE &	E 1/8 - 1/4 (0.136 mi.)	P192	403

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EPA ID: NYP004180774				
CON EDISON	1829 LEXINGTON AVE &	E 1/8 - 1/4 (0.142 mi.)	P196	411
EPA ID: NYP004191409				
CON EDISON SERVICE B	E 109TH ST & 5TH AVE	WSW 1/8 - 1/4 (0.147 mi.)	R200	422
EPA ID: NYP004225967				
CON EDISON	169 E 112TH ST	ESE 1/8 - 1/4 (0.147 mi.)	S203	437
EPA ID: NYP004636999				
CONSOLIDATED EDISON	F/O 2 E 109 ST - E/O	WSW 1/8 - 1/4 (0.148 mi.)	R204	439
EPA ID: NYP004229447				
CON EDISON SERVICE B	2 E 109TH ST E OF 5T	WSW 1/8 - 1/4 (0.148 mi.)	R205	440
EPA ID: NYP004221354				
CON EDISON	63 E 115TH ST	NNE 1/8 - 1/4 (0.164 mi.)	U232	519
EPA ID: NYP004771168				
CONED	30 W 111TH ST	WNW 1/8 - 1/4 (0.164 mi.)	W234	522
EPA ID: NYP004180444				
CON EDISON SERVICE B	1393 5TH AVE	NNW 1/8 - 1/4 (0.166 mi.)	Y237	529
EPA ID: NYP004300356				
CON EDISON SERVICE B	1755 MADISON AVE FRO	NNE 1/8 - 1/4 (0.168 mi.)	U238	531
EPA ID: NYP004300067				
CON EDISON SERVICE B	1397 5TH AVE	N 1/8 - 1/4 (0.176 mi.)	Y246	547
EPA ID: NYP004300364				
CON EDISON SERVICE B	1759 MADISON AVE FRO	NNE 1/8 - 1/4 (0.176 mi.)	U247	549
EPA ID: NYP004300075				
NYCHA - KING TOWERS	2 W 115TH ST	NNW 1/8 - 1/4 (0.181 mi.)	Y250	556
EPA ID: NYR000080697				
CON EDISON SERVICE B	10 E 108TH ST OPPOS	WSW 1/8 - 1/4 (0.183 mi.)	AA252	561
EPA ID: NYP004301693				
CON EDISON SERVICE B	10 E 108TH ST	WSW 1/8 - 1/4 (0.183 mi.)	AA253	563
EPA ID: NYP004301719				
CON EDISON TRANSFORM	E 115TH ST & 5TH AVE	N 1/8 - 1/4 (0.183 mi.)	Y254	565
EPA ID: NYP004388039				
CON EDISON	133 E 115 ST	ENE 1/8 - 1/4 (0.183 mi.)	AC255	568
EPA ID: NYP004640116				
CON EDISON SERVICE B	133 E 115TH ST	ENE 1/8 - 1/4 (0.183 mi.)	AC256	569
EPA ID: NYP004421541				
CON EDISON SERVICE B	21 W 110TH ST SB 181	WNW 1/8 - 1/4 (0.186 mi.)	W261	578
EPA ID: NYP004224069				
CON EDISON SERVICE B	21 W 110TH ST SB 181	WNW 1/8 - 1/4 (0.186 mi.)	W262	581
EPA ID: NYP004222238				
CON EDISON	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC269	599
EPA ID: NYP004551826				
CON EDISON VAULT: 87	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC273	604
EPA ID: NYP004389359				
CON EDISON MANHOLE:	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC274	606
EPA ID: NYP004438883				
CON EDISON MANHOLE 3	LEXINGTON AVE & E 11	ENE 1/8 - 1/4 (0.188 mi.)	AC276	609

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EPA ID: NYP004234050				
CON EDISON MANHOLE 3	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC277	613
EPA ID: NYP004220695				
CON EDISON	115TH ST & LEXINGTON	ENE 1/8 - 1/4 (0.188 mi.)	AC279	617
EPA ID: NYP004788493				
CON EDISON MANHOLE 3	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC281	620
EPA ID: NYP004238818				
CON EDISON SERVICE B	1765 MADISON AVE FRO	NNE 1/8 - 1/4 (0.192 mi.)	U285	628
EPA ID: NYP004300083				
EAST HARLEM HEALTH C	158 E 115TH ST	ENE 1/8 - 1/4 (0.193 mi.)	AC286	630
EPA ID: NYR000217380				
CON EDISON SERVICE B	60 E 116TH ST OPPOS	NNE 1/8 - 1/4 (0.194 mi.)	U292	642
EPA ID: NYP004301099				
CON EDISON SERVICE B	60 E 116TH ST	NNE 1/8 - 1/4 (0.194 mi.)	U293	645
EPA ID: NYP004301016				
MARCEL CLEANERS	56 E 116TH ST	NNE 1/8 - 1/4 (0.194 mi.)	U294	647
EPA ID: NYR000114298				
106 STREET FRENCH DR	1590 MADISON AVE	SW 1/8 - 1/4 (0.199 mi.)	AB302	670
EPA ID: NYD981139058				
CON EDISON SERVICE B	1630 PARK AVE FRONT	NE 1/8 - 1/4 (0.199 mi.)	AD303	678
EPA ID: NYP004387338				
CON EDISON	1630 PARK AVE	NE 1/8 - 1/4 (0.199 mi.)	AD306	684
EPA ID: NYP004393088				
CON EDISON SERVICE B	1630 PARK AVE	NE 1/8 - 1/4 (0.199 mi.)	AD307	685
EPA ID: NYP004300638				
EPA ID: NYP004821126				
CON EDISON	31 W 110 ST	WNW 1/8 - 1/4 (0.200 mi.)	W310	696
EPA ID: NYP004684411				
CON EDISON SERVICE B	27 W 110TH ST	WNW 1/8 - 1/4 (0.201 mi.)	W314	703
EPA ID: NYP004301271				
CON EDISON	27 W 110TH ST	WNW 1/8 - 1/4 (0.201 mi.)	W315	705
EPA ID: NYP004644449				
CON EDISON SERVICE B	10 E 116TH ST FRONT	N 1/8 - 1/4 (0.204 mi.)	AG318	712
EPA ID: NYP004300133				
CON EDISON	10 E 116 ST	N 1/8 - 1/4 (0.204 mi.)	AG319	714
EPA ID: NYP004304168				
CON EDISON	MADISON AVE & 107 ST	SW 1/8 - 1/4 (0.204 mi.)	AB320	715
EPA ID: NYP004621553				
CON EDISON SERVICE B	153 E 115TH ST E OF	ENE 1/8 - 1/4 (0.206 mi.)	AC325	727
EPA ID: NYP004224697				
CON EDISON	116TH ST & MADISON A	NNE 1/8 - 1/4 (0.207 mi.)	AI331	741
EPA ID: NYP004844839				
CONED	122 E 116TH ST	ENE 1/8 - 1/4 (0.210 mi.)	AC336	750
EPA ID: NYP004226579				
CON EDISON	2050 3RD AV	ESE 1/8 - 1/4 (0.211 mi.)	AK337	752
EPA ID: NYP004646329				
CON EDISON SERVICE B	1400 5TH AVE FRONT O	N 1/8 - 1/4 (0.213 mi.)	Y338	753

EXECUTIVE SUMMARY

EPA ID: NYP004300059				
CON EDISON SERVICE B	161 E 115TH ST E OF	ENE 1/8 - 1/4 (0.214 mi.)	AC342	760
EPA ID: NYP004224622				
CON EDISON	2052 3RD AV	E 1/8 - 1/4 (0.215 mi.)	AK343	763
EPA ID: NYP004646345				
MCQUESTON DEVELOPMEN	67-85 E 116TH ST	NNE 1/8 - 1/4 (0.216 mi.)	AI346	770
EPA ID: NYR000077511				
CON EDISON - MANHOLE	126 E 116TH	ENE 1/8 - 1/4 (0.216 mi.)	AC347	773
EPA ID: NYP004932214				
CON EDISON	91 E 116 ST. AND PAR	NNE 1/8 - 1/4 (0.219 mi.)	AD351	779
EPA ID: NYP004586483				
CON EDISON	19 E 116 ST	N 1/8 - 1/4 (0.220 mi.)	AG354	784
EPA ID: NYP004640132				
NYC DEPT OF EDUCATIO	176 E 115TH ST	E 1/8 - 1/4 (0.222 mi.)	AJ356	789
EPA ID: NYR000205807				
CON EDISON SERVICE B	150 E 116TH ST FRONT	ENE 1/8 - 1/4 (0.223 mi.)	AC359	796
EPA ID: NYP004388021				
CON EDISON	150 E 116TH ST	ENE 1/8 - 1/4 (0.223 mi.)	AC360	798
EPA ID: NYP004488342				
CON EDISON - SERVICE	109 E 116 ST	NE 1/8 - 1/4 (0.226 mi.)	AM363	803
EPA ID: NYP005006228				
CON EDISON SERVICE B	169 E 115TH ST E OF	ENE 1/8 - 1/4 (0.226 mi.)	AJ364	804
EPA ID: NYP004224689				
CON EDISON SERVICE B	24 W 115TH ST FRONT	NNW 1/8 - 1/4 (0.228 mi.)	AN365	807
EPA ID: NYP004300042				
CON EDISON SERVICE B	1644 PARK AVE N OF E	NE 1/8 - 1/4 (0.228 mi.)	AD366	810
EPA ID: NYP004223756				
CON EDISON	121 E 116TH ST	NE 1/8 - 1/4 (0.228 mi.)	AM369	815
EPA ID: NYP004775177				
CON EDISON	115 E 116TH ST	NE 1/8 - 1/4 (0.229 mi.)	AM371	818
EPA ID: NYP004775037				
CONSOLIDATED EDISON	FRONT OF 14 WEST 111	WNW 1/8 - 1/4 (0.230 mi.)	AO373	820
EPA ID: NYP004185591				
CON EDISON SERVICE B	W 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.230 mi.)	AG374	822
EPA Id: NYP004181392				
CON EDISON SERVICE B	3034 LEXINGTON AVE	ENE 1/8 - 1/4 (0.231 mi.)	AC375	825
EPA ID: NYP004297990				
CON EDISON	E 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.231 mi.)	AG376	827
EPA ID: NYP004165338				
CON EDISON SERVICE B	W 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.231 mi.)	AG377	831
EPA ID: NYP004181368				
CON EDISON MANHOLE 3	E 116TH ST & LEXINGT	ENE 1/8 - 1/4 (0.234 mi.)	AM382	841
EPA ID: NYP004221875				
NYCTA - 207 CENTRAL	116TH ST & LEXINGTON	ENE 1/8 - 1/4 (0.234 mi.)	AM383	844
EPA Id: NYD982738833				
CON EDISON	2070 3RD AVE S OF E	E 1/8 - 1/4 (0.234 mi.)	384	852

EXECUTIVE SUMMARY

EPA ID: NYP004166773				
CON EDISON SERVICE B	6 WEST 116 STREET	N 1/8 - 1/4 (0.234 mi.)	AP385	855
EPA ID: NYP004226058				
NORTH EAST PARAMEDIC	156 E 116TH ST	ENE 1/8 - 1/4 (0.234 mi.)	387	859
EPA ID: NYP000896365				
CON EDISON SERVICE B	1 E 116TH ST FRONT O	N 1/8 - 1/4 (0.236 mi.)	AG388	861
EPA ID: NYP004299988				
CON EDISON SERVICE B	10 W 116TH ST	N 1/8 - 1/4 (0.240 mi.)	AP398	886
EPA ID: NYP004245155				
CON EDISON SERVICE B	10 W 116TH ST E OF L	N 1/8 - 1/4 (0.240 mi.)	AP399	889
EPA ID: NYP004226082				
CON EDISON SERVICE B	179 E 115TH ST E OF	ENE 1/8 - 1/4 (0.241 mi.)	AJ401	895
EPA ID: NYP004224671				
CON EDISON SERVICE B	36 W 115TH ST FRONT	NNW 1/8 - 1/4 (0.241 mi.)	AN402	898
EPA ID: NYP004300109				
CON EDISON SERVICE B	1 W 116TH ST	N 1/8 - 1/4 (0.244 mi.)	AP404	903
EPA ID: NYP004419776				
CON EDISON VAULT: 78	31 W 115TH ST FRONT	NNW 1/8 - 1/4 (0.246 mi.)	AN409	912
EPA ID: NYP004391314				
CON EDISON SERVICE B	137 E 116TH ST	ENE 1/8 - 1/4 (0.247 mi.)	AM410	914
EPA ID: NYP004249296				
CON EDISON SERVICE B	110 E 117TH ST	NE 1/8 - 1/4 (0.250 mi.)	AR418	928
EPA ID: NYP004310819				
CON EDISON SERVICE B	104 E 117TH ST	NE 1/8 - 1/4 (0.250 mi.)	AR419	931
EPA ID: NYP004474789				
CON EDISON SERVICE B	104 E 117TH ST	NE 1/8 - 1/4 (0.250 mi.)	AR420	933
EPA ID: NYP004428348				
CON EDISON SERVICE B	45 W 110TH ST	WNW 1/8 - 1/4 (0.250 mi.)	AO421	935
EPA ID: NYP004300612				
Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	OPP 91 E 111TH ST	0 - 1/8 (0.000 mi.)	B3	12
EPA ID: NYP004859983				
CON EDISON SERVICE B	1677 MADISON AVE	0 - 1/8 (0.000 mi.)	A4	14
EPA ID: NYP004300976				
CON EDISON SERVICE B	63 E 111TH ST FRONT	0 - 1/8 (0.000 mi.)	A6	17
EPA ID: NYP004305355				
CON EDISON - SERVICE	1564 PARK AVE AND W.	0 - 1/8 (0.000 mi.)	B7	20
EPA ID: NYP004180451				
CON EDISON SERVICE B	74 E 111TH ST FRONT	SSW 0 - 1/8 (0.015 mi.)	B18	40
EPA ID: NYP004352332				
CON EDISON SERVICE B	1583 PARK AVE	ESE 0 - 1/8 (0.025 mi.)	B27	52
EPA ID: NYP004351854				
CON EDISON SERVICE B	1583 PARK AVE FRONT	ESE 0 - 1/8 (0.025 mi.)	B28	54
EPA ID: NYP004457511				
METRO NORTH RAILROAD	PARK AVE AND E 110TH	SE 0 - 1/8 (0.039 mi.)	B29	56

EXECUTIVE SUMMARY

EPA ID: NYD982182016				
CON EDISON SERVICE B	112 E 111TH ST FRONT	SE 0 - 1/8 (0.052 mi.)	D30	60
EPA ID: NYP004346805				
CON EDISON	E 110TH ST & MADISON	WSW 0 - 1/8 (0.056 mi.)	C33	64
EPA ID: NYP004526356				
CONSOLIDATED EDISON	115 E 111TH ST W OF	ESE 0 - 1/8 (0.062 mi.)	D38	71
EPA ID: NYP004166823				
CON EDISON	27 E 110TH ST	WSW 0 - 1/8 (0.065 mi.)	G40	74
EPA ID: NYP004730834				
BROTHERS CLEANERS	1644 MADISON AVE	WSW 0 - 1/8 (0.077 mi.)	G47	85
EPA ID: NYD162381768				
CON EDISON	125 E 112TH ST	ESE 0 - 1/8 (0.079 mi.)	H52	99
EPA ID: NYP004644506				
CON EDISON	140 E 111 ST	SE 0 - 1/8 (0.090 mi.)	D58	108
EPA ID: NYP004644258				
CON EDISON	1503 PARK AVE	S 0 - 1/8 (0.094 mi.)	F63	114
EPA ID: NYP004551552				
NYC DEPT OF EDUCATIO	141 E 111TH ST	SE 0 - 1/8 (0.098 mi.)	H66	121
EPA ID: NYR000009498				
CON EDISON SERVICE B	132 E 110TH ST	SSE 0 - 1/8 (0.099 mi.)	J68	126
EPA ID: NYP004301420				
EPA ID: NYP004725826				
CON EDISON SERVICE B	55 E 109TH ST	SW 0 - 1/8 (0.101 mi.)	K80	144
EPA ID: NYP004301354				
CON EDISON	73 E 109TH ST E MADI	SSW 0 - 1/8 (0.101 mi.)	K81	146
EPA ID: NYP004201786				
CON EDISON	77 E 109TH ST W OF P	SSW 0 - 1/8 (0.101 mi.)	K83	149
EPA ID: NYP004167789				
CON EDISON	E MADISON AVE & 109T	SW 0 - 1/8 (0.105 mi.)	K95	173
EPA ID: NYP004727780				
CON EDISON MANHOLE 5	E 109TH & MADISON AV	SW 0 - 1/8 (0.105 mi.)	K97	176
EPA ID: NYP004248734				
CON EDISON MANHOLE 5	E 109TH ST & MADISON	SW 0 - 1/8 (0.105 mi.)	K100	180
EPA ID: NYP004233441				
CON EDISON MANHOLE 5	E 109TH ST & MADISON	SW 0 - 1/8 (0.105 mi.)	K101	184
EPA ID: NYP004248411				
CON EDISON SERVICE B	E 109TH ST & PARK AV	S 0 - 1/8 (0.105 mi.)	F103	187
EPA ID: NYP004249494				
CON EDISON - SERVICE	23 EAST 109TH STREET	SW 0 - 1/8 (0.107 mi.)	K105	189
EPA Id: NYP004170296				
CON EDISON SERVICE B	1806 LEXINGTON AVE	ESE 0 - 1/8 (0.107 mi.)	H106	194
EPA ID: NYP004455101				
CON EDISON SERVICE B	68 E 109TH ST	SSW 0 - 1/8 (0.109 mi.)	K111	204
EPA ID: NYP004294328				
CON EDISON SERVICE B	11 E 109TH ST	WSW 0 - 1/8 (0.109 mi.)	G113	208
EPA ID: NYP004301503				
CON EDISON - SERVICE	115 E. 112 ST AND LE	ESE 0 - 1/8 (0.109 mi.)	H114	211

EXECUTIVE SUMMARY

EPA Id: NYP004180493				
CON EDISON	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M119	226
EPA ID: NYP004814527				
CON EDISON SERVICE B	E 111 & LEXINGTON AV	SE 0 - 1/8 (0.110 mi.)	M120	227
EPA ID: NYP004288700				
CON EDISON SERVICE B	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M123	232
EPA ID: NYP004260972				
CON EDISON	LEXINGTON AVE & E 11	SE 0 - 1/8 (0.110 mi.)	M125	235
EPA ID: NYP004189536				
CON EDISON	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M127	239
EPA ID: NYP004771176				
CON EDISON MANHOLE:	LEXINGTON AVE & 112T	ESE 0 - 1/8 (0.110 mi.)	H128	241
EPA ID: NYP004430310				
CONSOLIDATED EDISON	E 112TH & LEXINGTON	ESE 0 - 1/8 (0.110 mi.)	H131	245
EPA ID: NYP004065777				
CON EDISON	LEXINGTON AVE & E 11	ESE 0 - 1/8 (0.110 mi.)	H132	247
EPA ID: NYP004200150				
CON EDISON MANHOLE:	E 112TH ST & LEXINGT	ESE 0 - 1/8 (0.110 mi.)	H135	251
EPA ID: NYP004438891				
CON EDISON	151 E 112 ST	ESE 0 - 1/8 (0.114 mi.)	H138	256
EPA ID: NYP004644514				
CON EDISON SERVICE B	1774 LEXINGTON AVE	SE 0 - 1/8 (0.114 mi.)	J141	263
EPA ID: NYP004301438				
CON EDISON - SERVICE	24 EAST 109TH STREET	SW 0 - 1/8 (0.120 mi.)	O157	327
EPA Id: NYP004170262				
CON EDISON SERVICE B	1799 LEXINGTON AVE	ESE 0 - 1/8 (0.123 mi.)	H161	336
EPA ID: NYP004418729				
MTA NYCT - 110TH STR	110TH ST & LEXINGTON	SE 0 - 1/8 (0.124 mi.)	J165	344
EPA Id: NYR000081869				
CON EDISON MANHOLE 3	E 110TH ST & LEXINGT	SE 0 - 1/8 (0.124 mi.)	J167	349
EPA ID: NYP004216216				
CON EDISON	W 110TH ST & LEXINGT	SE 0 - 1/8 (0.124 mi.)	J168	353
EPA ID: NYP004725909				
CON EDISON	LEXINGTON AVE & 110T	SE 0 - 1/8 (0.124 mi.)	J169	354
EPA ID: NYP004739199				
CON EDISON	E 110 ST. AND LEXING	SE 0 - 1/8 (0.124 mi.)	J171	357
EPA ID: NYP004692463				
CON EDISON	LEXINGTON AVE & 110T	SE 0 - 1/8 (0.124 mi.)	J172	358
EPA ID: NYP004742144				
NYCTA - 186 CENTRAL	110TH ST & LEXINGTON	SE 0 - 1/8 (0.124 mi.)	J177	365
EPA ID: NYD982738825				
CON EDISON SERVICE B	1484 PARK AVE	SSW 1/8 - 1/4 (0.126 mi.)	Q181	372
EPA ID: NYP004294351				
CON EDISON	163 E 111 ST	SE 1/8 - 1/4 (0.126 mi.)	M182	374
EPA ID: NYP004644268				
CON EDISON SERVICE B	16 E 109TH ST	WSW 1/8 - 1/4 (0.127 mi.)	O184	376

EXECUTIVE SUMMARY

EPA ID: NYP004301412				
NYC DEPT OF EDUCATIO	1615 MADISON AVE	SW 1/8 - 1/4 (0.129 mi.)	K185	378
EPA ID: NYR000009472				
CON EDISON	1777 LEXINGTON AVE	SE 1/8 - 1/4 (0.130 mi.)	J190	396
EPA ID: NYP004170254				
CON EDISON	165 E 111 ST	ESE 1/8 - 1/4 (0.139 mi.)	M194	408
EPA ID: NYP004644274				
CON EDISON SERVICE B	1601 MADISON AVE	SW 1/8 - 1/4 (0.139 mi.)	K195	409
EPA ID: NYP004301305				
CON EDISON	154 E 110TH ST	SSE 1/8 - 1/4 (0.146 mi.)	T198	417
EPA ID: NYP004170239				
CON EDISON	166 E 111 ST	SE 1/8 - 1/4 (0.147 mi.)	M202	436
EPA ID: NYP004644985				
CON EDISON SERVICE B	51 E 108TH ST	SSW 1/8 - 1/4 (0.150 mi.)	Q207	446
EPA ID: NYP004301776				
CON EDISON MANHOLE 1	158 E 110TH ST E OF	SE 1/8 - 1/4 (0.155 mi.)	T208	448
EPA ID: NYP004217182				
CON EDISON SERVICE B	158 E 110TH ST	SE 1/8 - 1/4 (0.155 mi.)	T209	452
EPA ID: NYP004301453				
CON EDISON	E 108TH ST & PARK AV	SSW 1/8 - 1/4 (0.155 mi.)	Q210	454
EPA ID: NYP004213948				
CON EDISON	F/O 155 EAST 109TH S	SSE 1/8 - 1/4 (0.157 mi.)	T215	491
EPA ID: NYP004427159				
CON EDISON SERVICE B	155-157 E 109TH ST &	SSE 1/8 - 1/4 (0.157 mi.)	T216	493
EPA ID: NYP004415576				
CON EDISON	FO 155 E 109TH ST	SSE 1/8 - 1/4 (0.157 mi.)	T217	495
EPA ID: NYP004680542				
CON EDISON SERVICE B	155 E 109TH ST	SSE 1/8 - 1/4 (0.157 mi.)	T218	496
EPA ID: NYP004410353				
CON EDISON	50 E 108TH ST	SSW 1/8 - 1/4 (0.158 mi.)	Q220	499
EPA ID: NYP004747275				
CON EDISON	1608 MADISON AVE	SW 1/8 - 1/4 (0.160 mi.)	O225	507
EPA ID: NYP004581419				
CON EDISON SERVICE B	1608 MADISON AVE	SW 1/8 - 1/4 (0.160 mi.)	O226	509
EPA ID: NYP004301735				
CON EDISON	173 E 111 ST	ESE 1/8 - 1/4 (0.162 mi.)	S227	511
EPA ID: NYP004421491				
CON EDISON	173 111TH ST	ESE 1/8 - 1/4 (0.162 mi.)	S228	513
EPA ID: NYP004637013				
CON EDISON	176 E 111 ST	SE 1/8 - 1/4 (0.164 mi.)	V233	520
EPA ID: NYP004644928				
CON EDISON	100 E 108TH ST	S 1/8 - 1/4 (0.166 mi.)	X236	525
EPA ID: NYP004170270				
CON EDISON SERVICE B	19 E 108TH ST	WSW 1/8 - 1/4 (0.171 mi.)	AA240	537
EPA ID: NYP004301701				
CON EDISON	179 E 111 ST	ESE 1/8 - 1/4 (0.173 mi.)	V241	539

EXECUTIVE SUMMARY

EPA ID: NYP004644951				
CON ED	182 E 111TH ST	SE 1/8 - 1/4 (0.174 mi.)	V243	543
EPA ID: NYP004836449				
CON EDISON SERVICE B	1600 MADISON AVE	SW 1/8 - 1/4 (0.177 mi.)	AB248	551
EPA ID: NYP004301727				
CON EDISON SERVICE B	156 E 109TH ST	SSE 1/8 - 1/4 (0.178 mi.)	Z249	553
EPA ID: NYP004301065				
CON EDISON SERVICE B	176 E 112TH ST FRONT	ESE 1/8 - 1/4 (0.181 mi.)	S251	559
EPA ID: NYP004346755				
LEXINGTON GARDENS OW	1465 PARK AVE	SSW 1/8 - 1/4 (0.183 mi.)	X257	571
EPA ID: NYR000233619				
CON EDISON	188 E 111 ST	SE 1/8 - 1/4 (0.183 mi.)	V259	574
EPA ID: NYP004421475				
CON EDISON SERVICE B	1595 MADISON AVE	SSW 1/8 - 1/4 (0.184 mi.)	AB260	576
EPA ID: NYP004301297				
CON EDISON	1596 MADISON AV	SW 1/8 - 1/4 (0.186 mi.)	AB265	589
EPA ID: NYP004686093				
NY PUBLIC LIBRARY -	174 E 110TH ST	SE 1/8 - 1/4 (0.187 mi.)	T266	591
EPA ID: NYR000012195				
CON EDISON	164 E 109 ST	SSE 1/8 - 1/4 (0.188 mi.)	Z268	598
EPA ID: NYP004658001				
CON EDISON	2018 3 AV	SE 1/8 - 1/4 (0.190 mi.)	V284	626
EPA ID: NYP004644811				
CON EDISON	2024 3 AV	ESE 1/8 - 1/4 (0.194 mi.)	V290	639
EPA ID: NYP004644845				
CON EDISON SERVICE B	2026 3RD AVE	ESE 1/8 - 1/4 (0.194 mi.)	V291	640
EPA ID: NYP004345252				
CON EDISON	2020 3RD AV	ESE 1/8 - 1/4 (0.197 mi.)	V295	656
EPA ID: NYP004644837				
CON EDISON	101 E 107TH ST	S 1/8 - 1/4 (0.197 mi.)	X297	659
EPA ID: NYP004170445				
CON EDISON SERVICE B	2014 3RD AVE	SE 1/8 - 1/4 (0.198 mi.)	V299	665
EPA ID: NYP004442281				
HARLEM CLEANERS	2008 3RD AVE	SE 1/8 - 1/4 (0.200 mi.)	V312	699
EPA ID: NYD086899150				
CON EDISON	2046 3RD AV	ESE 1/8 - 1/4 (0.203 mi.)	AE316	707
EPA ID: NYP004646337				
CON EDISON SERVICE B	183 E 109TH ST	SSE 1/8 - 1/4 (0.204 mi.)	AF317	708
EPA ID: NYP004244125				
CON EDISON SERVICE B	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH321	717
EPA ID: NYP004266680				
CON EDISON	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH322	719
EPA ID: NYP004214813				
CON EDISON MANHOLE 4	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH323	722
EPA ID: NYP004239362				
CON EDISON SERVICE B	E 111TH & 3RD AVE	SE 1/8 - 1/4 (0.206 mi.)	V326	730

EXECUTIVE SUMMARY

EPA ID: NYP004288734				
CON EDISON	E 112TH ST & 3RD AVE	ESE 1/8 - 1/4 (0.207 mi.)	AE329	737
EPA ID: NYP004190088				
NYCDEP	3RD AVE & 112TH ST	ESE 1/8 - 1/4 (0.207 mi.)	AE330	740
EPA ID: NYP010000222				
CON EDISON SERVICE B	182 E 109TH ST	SSE 1/8 - 1/4 (0.208 mi.)	AF335	748
EPA ID: NYP004301073				
CON EDISON	2033 3RD AV	ESE 1/8 - 1/4 (0.216 mi.)	AE344	765
EPA ID: NYP004644878				
CON EDISON	2027 3RD AVE	ESE 1/8 - 1/4 (0.219 mi.)	AE348	774
EPA ID: NYP004644852				
EPA ID: NYP004839662				
CON EDISON SERVICE B	2011 3RD AVE	SE 1/8 - 1/4 (0.221 mi.)	AL355	785
EPA ID: NYP004235438				
CON EDISON SERVICE B	1974 3RD AVE	SSE 1/8 - 1/4 (0.232 mi.)	AF381	839
EPA ID: NYP004294138				
CON EDISON SERVICE B	1997 3RD AVE & 109TH	SE 1/8 - 1/4 (0.236 mi.)	AF389	863
EPA ID: NYP004218307				
CON EDISON SERVICE B	1985 3RD AVE & E 109	SE 1/8 - 1/4 (0.236 mi.)	AF390	866
EPA ID: NYP004217976				
CON EDISON SERVICE B	1985 3RD AVE & E 109	SE 1/8 - 1/4 (0.236 mi.)	AF391	870
EPA ID: NYP004235107				
CON EDISON SERVICE B	1980 3RD AVE	SE 1/8 - 1/4 (0.236 mi.)	AF392	873
EPA ID: NYP004294146				
CON EDISON	207 E 111 ST	ESE 1/8 - 1/4 (0.237 mi.)	AE395	880
EPA ID: NYP004661203				
CON EDISON SERVICE B	1970 3RD AVE	SSE 1/8 - 1/4 (0.237 mi.)	AF397	884
EPA ID: NYP004294120				
CON EDISON	1444 PARK AVE N OF E	SSW 1/8 - 1/4 (0.245 mi.)	AH405	905
EPA ID: NYP004214805				
CON EDISON	1705 LEXINGTON AVE	S 1/8 - 1/4 (0.245 mi.)	AQ407	910
EPA ID: NYP004788964				
CON EDISON	214 E 111TH ST	SE 1/8 - 1/4 (0.249 mi.)	AL414	921
EPA ID: NYP004508309				
CON EDISON	214 E 111TH ST FRONT	SE 1/8 - 1/4 (0.249 mi.)	AL416	923
EPA ID: NYP004508339				

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2016 has revealed that there are 77 NJ MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON SERVICE B	1699 MADISON AVE	NNW 0 - 1/8 (0.008 mi.)	A9	26
EPA ID: NYP004238800				
CON EDISON	MADISON AVE & E 112T	NNW 0 - 1/8 (0.009 mi.)	A13	36

EXECUTIVE SUMMARY

EPA Id: NYP004794855				
CON EDISON MANHOLE: EPA Id: NYP004273637	1696 MADISON AVE	NW 0 - 1/8 (0.016 mi.)	A20	43
CON EDISON EPA Id: NYP004730701	21 E 110TH ST	W 0 - 1/8 (0.071 mi.)	G46	84
CON EDISON - SERVICE EPA Id: NYP004186110	E 111 ST AND FIFTH A	WNW 0 - 1/8 (0.103 mi.)	I89	161
CON EDISON EPA ID: NYP004189684	W 112TH ST & 5TH AVE	NW 0 - 1/8 (0.104 mi.)	I94	170
NYC HOUSING AUTH/JOH EPA Id: NYR000053439	1809 LEXINGTON AVENUE	ESE 0 - 1/8 (0.116 mi.)	H148	308
CON EDISON MANHOLE 5 EPA ID: NYP004221339	1 E 109TH ST E OF 5T	WSW 1/8 - 1/4 (0.134 mi.)	R191	400
CON EDISON EPA ID: NYP004180774	1830 LEXINGTON AVE &	E 1/8 - 1/4 (0.136 mi.)	P192	403
CON EDISON EPA ID: NYP004191409	1829 LEXINGTON AVE &	E 1/8 - 1/4 (0.142 mi.)	P196	411
CON EDISON SERVICE B EPA ID: NYP004225967	E 109TH ST & 5TH AVE	WSW 1/8 - 1/4 (0.147 mi.)	R200	422
CON EDISON SERVICE B EPA ID: NYP004221354	2 E 109TH ST E OF 5T	WSW 1/8 - 1/4 (0.148 mi.)	R205	440
CON EDISON EPA Id: NYP004771168	63 E 115TH ST	NNE 1/8 - 1/4 (0.164 mi.)	U231	517
CON EDISON SERVICE B EPA ID: NYP004224069	21 W 110TH ST SB 181	WNW 1/8 - 1/4 (0.186 mi.)	W261	578
CON EDISON SERVICE B EPA ID: NYP004222238	21 W 110TH ST SB 181	WNW 1/8 - 1/4 (0.186 mi.)	W262	581
CON EDISON EPA Id: NYP004788493	115TH ST & LEXINGTON	ENE 1/8 - 1/4 (0.188 mi.)	AC270	601
CON EDISON MANHOLE 3 EPA ID: NYP004234050	LEXINGTON AVE & E 11	ENE 1/8 - 1/4 (0.188 mi.)	AC276	609
CON EDISON MANHOLE 3 EPA ID: NYP004220695	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC277	613
CON EDISON EPA Id: NYP004824658	LEXINGTON AVE & W 11	ENE 1/8 - 1/4 (0.188 mi.)	AC278	616
CON EDISON EPA Id: NYP004818698	115TH ST & LEXINGTON	ENE 1/8 - 1/4 (0.188 mi.)	AC280	619
CON EDISON MANHOLE 3 EPA ID: NYP004238818	E 115TH ST & LEXINGT	ENE 1/8 - 1/4 (0.188 mi.)	AC281	620
CON EDISON SERVICE B EPA ID: NYP004224697	153 E 115TH ST E OF	ENE 1/8 - 1/4 (0.206 mi.)	AC325	727
CON EDISON EPA Id: NYP004844839	116TH ST & MADISON A	NNE 1/8 - 1/4 (0.207 mi.)	AI332	743
CON EDISON SERVICE B EPA ID: NYP004224622	161 E 115TH ST E OF	ENE 1/8 - 1/4 (0.214 mi.)	AC342	760
CON EDISON SERVICE B	169 E 115TH ST E OF	ENE 1/8 - 1/4 (0.226 mi.)	AJ364	804

EXECUTIVE SUMMARY

EPA ID: NYP004224689				
CON EDISON SERVICE B	1644 PARK AVE N OF E	NE 1/8 - 1/4 (0.228 mi.)	AD366	810
EPA ID: NYP004223756				
CON EDISON	121 E 116TH ST	NE 1/8 - 1/4 (0.228 mi.)	AM367	813
EPA Id: NYP004775177				
CON EDISON SERVICE B	W 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.230 mi.)	AG374	822
EPA Id: NYP004181392				
CON EDISON	E 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.231 mi.)	AG376	827
EPA ID: NYP004165338				
CON EDISON SERVICE B	W 116TH ST & 5TH AVE	N 1/8 - 1/4 (0.231 mi.)	AG377	831
EPA ID: NYP004181368				
CON EDISON MANHOLE 3	E 116TH ST & LEXINGT	ENE 1/8 - 1/4 (0.234 mi.)	AM382	841
EPA ID: NYP004221875				
NYCTA - 207 CENTRAL	116TH ST & LEXINGTON	ENE 1/8 - 1/4 (0.234 mi.)	AM383	844
EPA Id: NYD982738833				
CON EDISON	2070 3RD AVE S OF E	E 1/8 - 1/4 (0.234 mi.)	384	852
EPA ID: NYP004166773				
CON EDISON SERVICE B	6 W 116TH ST E OF LE	N 1/8 - 1/4 (0.234 mi.)	AP386	858
EPA Id: NYP004226058				
CON EDISON SERVICE B	10 W 116TH ST	N 1/8 - 1/4 (0.240 mi.)	AP398	886
EPA ID: NYP004245155				
CON EDISON SERVICE B	10 W 116TH ST E OF L	N 1/8 - 1/4 (0.240 mi.)	AP399	889
EPA ID: NYP004226082				
CON EDISON SERVICE B	179 E 115TH ST E OF	ENE 1/8 - 1/4 (0.241 mi.)	AJ401	895
EPA ID: NYP004224671				
CON EDISON SERVICE B	137 E 116TH ST	ENE 1/8 - 1/4 (0.247 mi.)	AM411	917
EPA Id: NYP004249296				
Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - SERVICE	1564 PARK AVE AND W.	0 - 1/8 (0.000 mi.)	B7	20
EPA Id: NYP004180451				
CON EDISON - SERVICE	115 E 111 ST WEST OF	ESE 0 - 1/8 (0.062 mi.)	D37	68
EPA Id: NYP004166823				
CON EDISON	27 E 110TH ST	WSW 0 - 1/8 (0.065 mi.)	G39	73
EPA Id: NYP004730834				
CON EDISON	77 E 109TH ST W OF P	SSW 0 - 1/8 (0.101 mi.)	K83	149
EPA ID: NYP004167789				
CON EDISON MANHOLE 5	E 109TH & MADISON AV	SW 0 - 1/8 (0.105 mi.)	K96	175
EPA Id: NYP004248734				
CON EDISON	E MADISON AVE & 109T	SW 0 - 1/8 (0.105 mi.)	K99	179
EPA Id: NYP004727780				
CON EDISON MANHOLE 5	E 109TH ST & MADISON	SW 0 - 1/8 (0.105 mi.)	K100	180
EPA ID: NYP004233441				
CON EDISON - SERVICE	23 EAST 109TH STREET	SW 0 - 1/8 (0.107 mi.)	K105	189
EPA Id: NYP004170296				
CON EDISON - SERVICE	115 E. 112 ST AND LE	ESE 0 - 1/8 (0.109 mi.)	H114	211

EXECUTIVE SUMMARY

EPA Id: NYP004180493				
CON EDISON SERVICE B	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M118	225
EPA Id: NYP004260972				
CON EDISON	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M121	230
EPA Id: NYP004814527				
CON EDISON	E 111TH ST & LEXINGT	SE 0 - 1/8 (0.110 mi.)	M122	231
EPA Id: NYP004771176				
CON EDISON	LEXINGTON AVE & E 11	SE 0 - 1/8 (0.110 mi.)	M125	235
EPA ID: NYP004189536				
CON EDISON - SERVICE	24 EAST 109TH STREET	SW 0 - 1/8 (0.120 mi.)	O157	327
EPA Id: NYP004170262				
MTA NYCT - 110TH STR	110TH ST & LEXINGTON	SE 0 - 1/8 (0.124 mi.)	J165	344
EPA Id: NYR000081869				
CON EDISON MANHOLE 3	E 110TH ST & LEXINGT	SE 0 - 1/8 (0.124 mi.)	J167	349
EPA ID: NYP004216216				
CON EDISON	LEXINGTON AVE & 110T	SE 0 - 1/8 (0.124 mi.)	J170	356
EPA Id: NYP004742144				
CON EDISON	W 110TH ST & LEXINGT	SE 0 - 1/8 (0.124 mi.)	J173	360
EPA Id: NYP004725909				
CON EDISON	LEXINGTON AVE & 110T	SE 0 - 1/8 (0.124 mi.)	J175	362
EPA Id: NYP004739199				
CON EDISON	1777 LEXINGTON AVE	SE 1/8 - 1/4 (0.130 mi.)	J190	396
EPA ID: NYP004170254				
CON EDISON	154 E 110TH ST	SSE 1/8 - 1/4 (0.146 mi.)	T198	417
EPA ID: NYP004170239				
CON EDISON MANHOLE 1	158 E 110TH ST E OF	SE 1/8 - 1/4 (0.155 mi.)	T208	448
EPA ID: NYP004217182				
CON EDISON	E 108TH ST & PARK AV	SSW 1/8 - 1/4 (0.155 mi.)	Q210	454
EPA ID: NYP004213948				
CON EDISON	50 E 108TH ST	SSW 1/8 - 1/4 (0.158 mi.)	Q221	501
EPA Id: NYP004747275				
CON EDISON	100 E 108TH ST	S 1/8 - 1/4 (0.166 mi.)	X236	525
EPA ID: NYP004170270				
CON EDISON	182 E 111TH ST	SE 1/8 - 1/4 (0.174 mi.)	V245	546
EPA Id: NYP004836449				
NY PUBLIC LIBRARY -	174 E 110TH ST	SE 1/8 - 1/4 (0.187 mi.)	T266	591
EPA ID: NYR000012195				
CON EDISON	101 E 107TH ST	S 1/8 - 1/4 (0.197 mi.)	X297	659
EPA ID: NYP004170445				
CON EDISON SERVICE B	183 E 109TH ST	SSE 1/8 - 1/4 (0.204 mi.)	AF317	708
EPA ID: NYP004244125				
CON EDISON	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH322	719
EPA ID: NYP004214813				
CON EDISON MANHOLE 4	E 107TH ST & PARK AV	SSW 1/8 - 1/4 (0.205 mi.)	AH323	722
EPA ID: NYP004239362				
CON EDISON	E 112TH ST & 3RD AVE	ESE 1/8 - 1/4 (0.207 mi.)	AE329	737

EXECUTIVE SUMMARY

EPA ID: NYP004190088				
CON EDISON	2027 3RD AVE	ESE 1/8 - 1/4 (0.219 mi.)	AE349	777
EPA Id: NYP004839662				
CON EDISON SERVICE B	2011 3RD AVE	SE 1/8 - 1/4 (0.221 mi.)	AL355	785
EPA ID: NYP004235438				
CON EDISON SERVICE B	1997 3RD AVE & 109TH	SE 1/8 - 1/4 (0.236 mi.)	AF389	863
EPA ID: NYP004218307				
CON EDISON SERVICE B	1985 3RD AVE & E 109	SE 1/8 - 1/4 (0.236 mi.)	AF390	866
EPA ID: NYP004217976				
CON EDISON SERVICE B	1985 3RD AVE & E 109	SE 1/8 - 1/4 (0.236 mi.)	AF391	870
EPA ID: NYP004235107				
CON EDISON	1444 PARK AVE N OF E	SSW 1/8 - 1/4 (0.245 mi.)	AH405	905
EPA ID: NYP004214805				
CON EDISON	1705 LEXINGTON AVE	S 1/8 - 1/4 (0.245 mi.)	AQ406	909
EPA Id: NYP004788964				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 4 EDR MGP sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON - EAST 11	EAST 110TH - EAST 11	SE 1/4 - 1/2 (0.442 mi.)	450	1044
CON EDISON - EAST 10	108TH ST. WEST OF FI	SE 1/2 - 1 (0.533 mi.)	468	1085
CON EDISON - EAST 11	EAST 114TH - EAST 11	ESE 1/2 - 1 (0.685 mi.)	469	1085
CON EDISON - EAST 99	EAST 98TH - EAST 99T	S 1/2 - 1 (0.741 mi.)	470	1085

EDR Hist Auto: 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.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto

EXECUTIVE SUMMARY

sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
84 E 76 111TH	84 E 111TH ST	S 0 - 1/8 (0.015 mi.)	B17	40
ALL AMERICAN SVCE ST	19 E 109TH ST	WSW 0 - 1/8 (0.102 mi.)	G85	155

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 5 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MADISON CLEANERS INC	1716 MADISON AVE	N 0 - 1/8 (0.078 mi.)	E51	99
WOOJIN EASTMORE CLEA	1325 5TH AVE STORE7	WNW 0 - 1/8 (0.094 mi.)	I61	113
PARKWEST CLEANERS	2 W 111TH ST	WNW 0 - 1/8 (0.113 mi.)	I137	256
EASTMORE CLEANER	1330 5TH AVE	WNW 0 - 1/8 (0.116 mi.)	I150	312

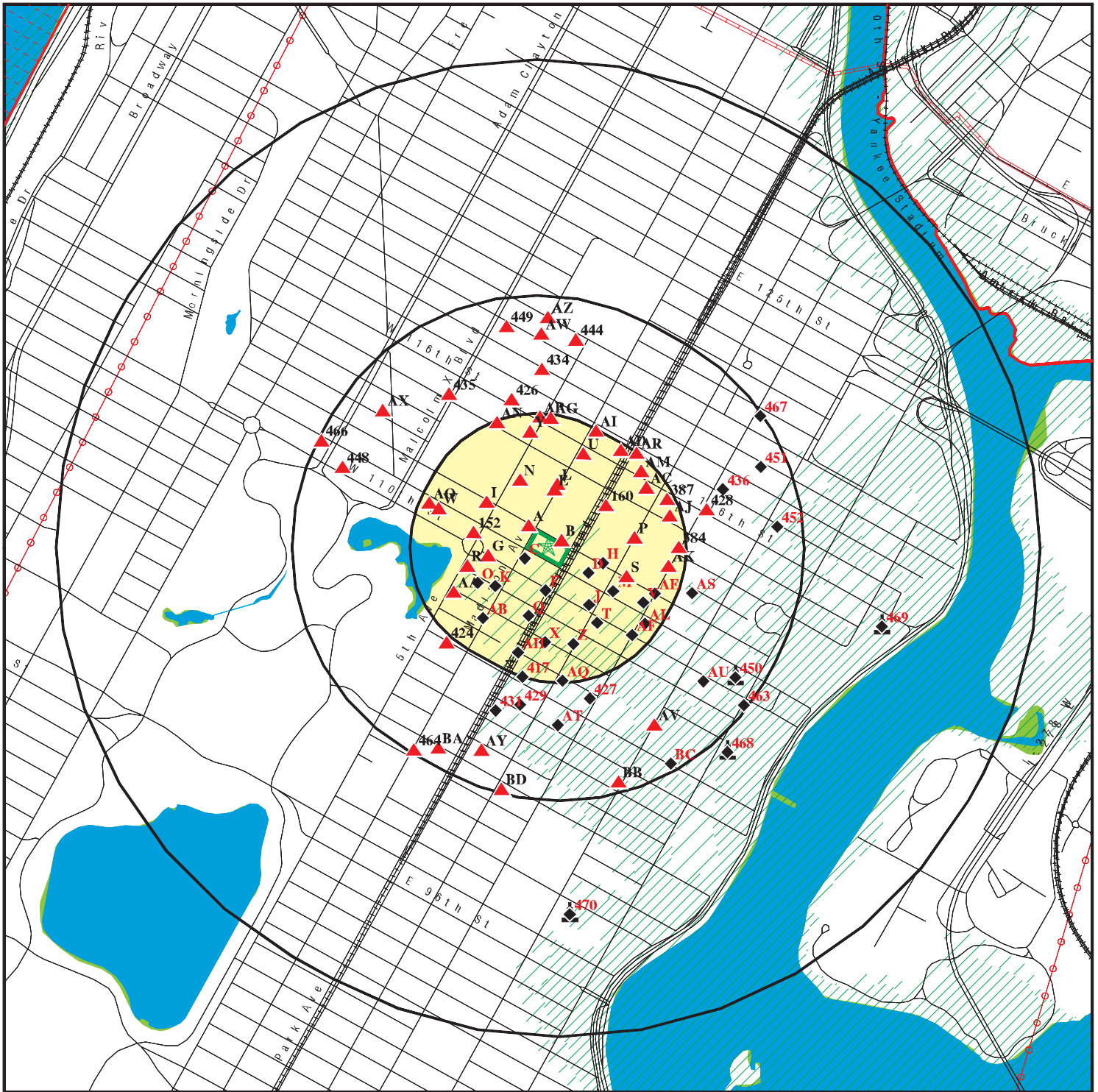
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BROTHERS CLEANERS	1644 MADISON AV	WSW 0 - 1/8 (0.077 mi.)	G48	89

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.

<u>Site Name</u>	<u>Database(s)</u>
1ST AVENUE AND EAST 90TH STREET	NY SHWS
PLEASANT AVENUE PLUME TRACKDOWN	NY SHWS
208153; MADISON AVE	NY Spills
206392; MADISON AVE	NY Spills
CONED, MANHATTAN COKING	NY HSWDS
CE - E. 108TH ST. STATION	NY VCP
CE - E. 111TH ST. WORKS	NY VCP
CE - E. 115TH ST. MGP	NY VCP
CE - E. 11TH ST. MGP	NY VCP
CE - E. 99TH ST. WORKS	NY VCP

OVERVIEW MAP - 5221202.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

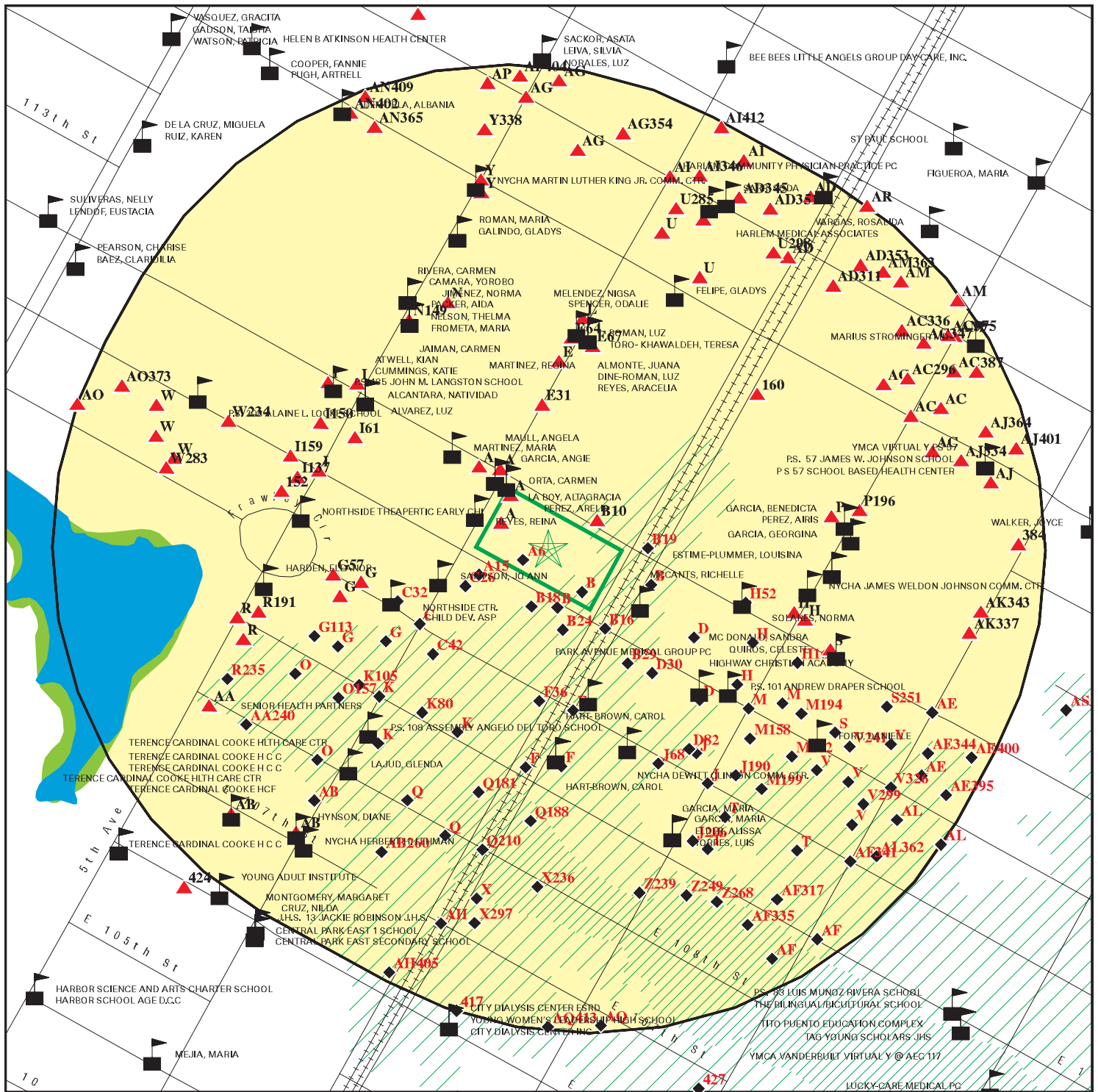
Upgradient Area

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: 1681 MADISON AVE
ADDRESS: 1681 MADISON AVE
NEW YORK NY 10029
LAT/LONG: 40.796814 / 73.946201

CLIENT: Roux Associates
CONTACT: Julie Moriarity
INQUIRY #: 5221202.2s
DATE: March 15, 2018 2:08 pm

DETAIL MAP - 5221202.2S



- 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

0 1/16 1/8 1/4 Miles

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: 1681 MADISON AVE
 ADDRESS: 1681 MADISON AVE
 NEW YORK NY 10029
 LAT/LONG: 40.796814 / 73.946201

CLIENT: Roux Associates
 CONTACT: Julie Moriarity
 INQUIRY #: 5221202.2s
 DATE: March 15, 2018 2:10 pm

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								
<i>Federal NPL site list</i>								
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
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		10	1	NR	NR	NR	11
RCRA-SQG	0.250		2	4	NR	NR	NR	6
RCRA-CESQG	0.250		3	5	NR	NR	NR	8
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
NY SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
NY SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		5	16	41	NR	NR	62
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	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 UST	0.250		2	12	NR	NR	NR	14
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	0	NR	NR	NR	0
NY AST	0.250		13	30	NR	NR	NR	43
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		2	0	NR	NR	NR	2
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
NY INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	2	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY 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 SWTIRE	0.500		0	0	0	NR	NR	0
NY 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
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

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
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		29	NR	NR	NR	NR	29
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		65	112	NR	NR	NR	177
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
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
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	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
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		3	3	NR	NR	NR	6
NY E DESIGNATION	0.125		5	NR	NR	NR	NR	5

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 Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		85	151	NR	NR	NR	236
NJ MANIFEST	0.250		26	51	NR	NR	NR	77
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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	1	3	NR	4
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		5	NR	NR	NR	NR	5

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0

- Totals --		0	257	385	44	3	0	689
-------------	--	---	-----	-----	----	---	---	-----

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **CON EDISON SERVICE BOX: 50720**
1691 MADISON AVE
< 1/8 **NEW YORK, NY 10035**
1 ft.

RCRA NonGen / NLR **1016451024**
NY MANIFEST **NYP004300596**

Site 1 of 15 in cluster A

Relative:
Higher

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 05/10/2013
Facility name: CON EDISON SERVICE BOX: 50720
Facility address: 1691 MADISON AVE
NEW YORK, NY 10035
EPA ID: NYP004300596
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-894-9549
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
Used 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: 04/10/2013
Site name: CON EDISON SERVICE BOX: 50720
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300596
Facility Status: Not reported
Location Address 1: FT OF 1691 MADISON AVE
Code: BP
Location Address 2: SERV BOX 50720
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50720 (Continued)

1016451024

NY MANIFEST:

EPAID: NYP004300596
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/10/2013
Trans1 Recv Date: 04/10/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300596
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707750JJK
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50720 (Continued)

1016451024

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 additional NY_MANIFEST: detail in the EDR Site Report.

A2

CON EDISON SERVICE BOX: 50719

RCRA NonGen / NLR

1016451025

**< 1/8
1 ft.**

**1683 MADISON AVE
NEW YORK, NY 10035**

FINDS

NYP004300604

ECHO

NY MANIFEST

Site 2 of 15 in cluster A

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
18 ft.**

Date form received by agency: 05/10/2013
Facility name: CON EDISON SERVICE BOX: 50719
Facility address: 1683 MADISON AVE
NEW YORK, NY 10035
EPA ID: NYP004300604
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-894-9549
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
Used 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: 04/10/2013
Site name: CON EDISON SERVICE BOX: 50719
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50719 (Continued)

1016451025

Registry ID: 110056328246

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: 1016451025
Registry ID: 110056328246
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056328246>

NY MANIFEST:

Country: USA
EPA ID: NYP004300604
Facility Status: Not reported
Location Address 1: FT OF 1683 MADISONA VE
Code: BP
Location Address 2: SERV BOX 50719
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300604
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/10/2013
Trans1 Recv Date: 04/10/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50719 (Continued)

1016451025

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300604
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707751JJJ
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

B3
< 1/8
1 ft.

CON EDISON
OPP 91 E 111TH ST
NEW YORK, NY 10029

NY MANIFEST **S118463986**
N/A

Site 1 of 13 in cluster B

Relative:
Lower
Actual:
17 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004859983
Facility Status: Not reported
Location Address 1: OPP 91 E 111TH ST
Code: BP
Location Address 2: SB 18370
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118463986

Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004859983
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 10/26/2015
Trans1 Recv Date: 10/26/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/27/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004859983
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002612569GBF
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: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118463986

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.

A4 **CON EDISON SERVICE BOX: 50718**
1677 MADISON AVE
< 1/8 **NEW YORK, NY 10029**
1 ft.

RCRA NonGen / NLR **1016451059**
NY MANIFEST **NYP004300976**

Site 3 of 15 in cluster A

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/12/2013
Facility name: CON EDISON SERVICE BOX: 50718
Facility address: 1677 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004300976
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 04/12/2013
Site name: CON EDISON SERVICE BOX: 50718
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50718 (Continued)

1016451059

NY MANIFEST:

Country: USA
EPA ID: NYP004300976
Facility Status: Not reported
Location Address 1: 1677 MADISON AVE
Code: BP
Location Address 2: SERV BOX 50718
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300976
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/12/2013
Trans1 Recv Date: 04/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300976
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708419JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50718 (Continued)

1016451059

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 200
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

A5

**VAULT #5033
1695 MADISON AV
MANHATTAN, NY**

**NY Spills S104508573
N/A**

**< 1/8
1 ft.**

Site 4 of 15 in cluster A

**Relative:
Higher**

**Actual:
18 ft.**

SPILLS:
Facility ID: 9910337
Facility Type: ER
Spill Number: 9910337
DER Facility ID: 214776
Site ID: 263456
DEC Region: 2
Closed Date: 2004-02-06
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 3101
Spill Date: 1999-11-29
Investigator: COMENALE
Referred To: Not reported
Reported to Dept: 1999-11-29
CID: 322
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: 1999-11-29
Spill Record Last Update: 2004-02-06
Spiller Name: Not reported
Spiller Company: CON ED
Spiller Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAULT #5033 (Continued)

S104508573

Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "LEAKING TRANSFORMER IN VAULT - UNK IF ANY SEWERS WERE EFFECTED SAMPLES WAS CLEAN UP PENDING WHEN THE FEEDER IS GROUNDED - CON ED #129120 - NO VISABLE CRACKS IN THE VAULT AND THE SUMP PUMP WAS NOT RUNNING WHEN THE SPILL WAS FOUND"

All Materials:
Site ID: 263456
Operable Unit ID: 1085096
Operable Unit: 01
Material ID: 295827
Material Code: 0020A
Material Name: transformer oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 150.00
Units: G
Recovered: .00
Oxygenate: Not reported

A6
CON EDISON SERVICE BOX: 18367
63 E 111TH ST FRONT OF
< 1/8
NEW YORK, NY 10029
1 ft.

RCRA-CESQG
FINDS
ECHO
NY MANIFEST
1016451444
NYP004305355

Site 5 of 15 in cluster A

Relative: RCRA-CESQG:
Lower Date form received by agency: 04/28/2013
Actual: Facility name: CON EDISON SERVICE BOX: 18367
17 ft. Facility address: 63 E 111TH ST FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004305355
Mailing address: VING PL, RM 828
NEW YORK, NY 10003
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18367 (Continued)

1016451444

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

Violation Status: No violations found

FINDS:

Registry ID: 110056326042

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: 1016451444
Registry ID: 110056326042
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056326042>

NY MANIFEST:

Country: USA
EPA ID: NYP004305355
Facility Status: Not reported
Location Address 1: FT OF 63 E 11TH ST
Code: BP
Location Address 2: SERV BOX 18367
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004305355

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18367 (Continued)

1016451444

Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/28/2013
Trans1 Recv Date: 04/28/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/29/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004305355
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010707936JJK
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: 1000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18367 (Continued)

1016451444

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

B7

CON EDISON - SERVICE BOX 42045
1564 PARK AVE AND W. 113 ST
NEW YORK, NY 10029

RCRA-LQG
NY MANIFEST
NJ MANIFEST

1014395926
NYP004180451

< 1/8
1 ft.

Site 2 of 13 in cluster B

Relative:
Lower

RCRA-LQG:

Actual:
17 ft.

Date form received by agency: 03/23/2010
Facility name: CON EDISON - SERVICE BOX 42045
Facility address: 1564 PARK AVE AND W. 113 ST
NEW YORK, NY 10029
EPA ID: NYP004180451
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: FRANKLYN MURRAY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-2808
Contact email: MURRAYFR@CONED.COM
EPA Region: 02
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: 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: 06/24/2009
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 42045 (Continued)

1014395926

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: 06/24/2009
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

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004180451
Facility Status: Not reported
Location Address 1: 1564 PARK AVE AND W. 113 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004180451
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: ROOM 818
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 42045 (Continued)

1014395926

Mailing Phone: 2124602808

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/29/2009
Trans1 Recv Date: 06/29/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/29/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004180451
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001083783GBF
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: H111
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: 3500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 42045 (Continued)

1014395926

EPA Id: NYP004180451
Mail Address: 4 IRVING PLACE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: FRANKLYN MURRAY
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001083783GBF
EPA ID: NYP004180451
Date Shipped: 06/29/2009
TSD 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: 06/29/2009
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 TSD Received Waste: 06/29/2009
TSD 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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 42045 (Continued)

1014395926

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 3500 P

B8
South
< 1/8
0.008 mi.
44 ft.

CRP 88 EAST 111TH STREET LLC
88 EAST 111 STREET
NEW YORK, NY 10029

NY AST A100294887
N/A

Site 3 of 13 in cluster B

Relative:
Lower
Actual:
17 ft.

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609819
Program Type: PBS
UTM X: 588908.46544
UTM Y: 4516675.57187
Expiration Date: 09/13/2018
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 336220
Affiliation Type: Facility Operator
Company Name: CRP 88 EAST 111TH STREET LLC
Contact Type: Not reported
Contact Name: NORBERTO VILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (646) 795-7848
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2014-04-30

Site Id: 336220
Affiliation Type: Emergency Contact
Company Name: CRP 88 EAST 111TH STREET LLC
Contact Type: Not reported
Contact Name: MIGUEL RIVERA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 795-7849
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRP 88 EAST 111TH STREET LLC (Continued)

A100294887

Modified By: MSBAPTIS
Date Last Modified: 2014-04-30

Site Id: 336220
Affiliation Type: Facility Owner
Company Name: CRP 88 EAST 111TH STREET LLC
Contact Type: DIR
Contact Name: CLARA RIVERA
Address1: 1841 BROADWAY. STE 400
Address2: Not reported
City: NY
State: NY
Zip Code: 10023
Country Code: 001
Phone: (646) 545-6700
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2014-04-30

Site Id: 336220
Affiliation Type: Mail Contact
Company Name: LIBERTY PLACE PROPERTY MGMT
Contact Type: Not reported
Contact Name: CLARA RIVERA
Address1: 1841 BROADWAY. STE 400
Address2: Not reported
City: NY
State: NY
Zip Code: 10023
Country Code: 001
Phone: (646) 545-6700
EMail: CRIVERA@LIBERTYPLACEPM.COM
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2014-04-30

Tank Info:

Tank Number: 001
Tank Id: 181398
Material Code: 0001
Common Name of Substance: #2 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
K00 - Spill Prevention - None
G01 - Tank Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle
E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRP 88 EAST 111TH STREET LLC (Continued)

A100294887

H00 - Tank Leak Detection - None
3
Tank Location:
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 09/22/2005
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
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

A9
NNW
< 1/8
0.008 mi.
44 ft.

CON EDISON SERVICE BOX 50728
1699 MADISON AVE
NEW YORK, NY 10029
Site 6 of 15 in cluster A

RCRA NonGen / NLR 1014926156
NJ MANIFEST NYP004238800
NY MANIFEST

Relative:
Higher

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 08/21/2011
Facility name: CON EDISON SERVICE BOX 50728
Facility address: 1699 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004238800
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN ALVARADO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-0733
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 50728 (Continued)

1014926156

Historical Generators:

Date form received by agency: 07/22/2011
Site name: CON EDISON SERVICE BOX 50728
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004238800
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STEVEN ALVARADO
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 007655225JJK
EPA ID: NYP004238800
Date Shipped: 7/22/2011
TSD 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 TSD Received Waste: Not reported
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 50728 (Continued)

1014926156

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

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 250.00 Pounds

NY MANIFEST:
Country: USA
EPA ID: NYP004238800
Facility Status: Not reported
Location Address 1: 1699 MADISON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004238800
Mailing Name: CONSOLIDATED EDISON - SERV BOX 50728
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/22/2011
Trans1 Recv Date: 07/22/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/25/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 50728 (Continued)

1014926156

Generator EPA ID: NYP004238800
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007655225JJK
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: H111
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: 250.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

B10
ENE
< 1/8
0.009 mi.
47 ft.

NYCHA
65 E 112TH ST
NEW YORK, NY 10029
Site 4 of 13 in cluster B

RCRA NonGen / NLR **1000140975**
FINDS **NYD980777387**
ECHO
NY MANIFEST

Relative:
Higher
Actual:
18 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYCHA
Facility address: 65 E 112TH ST
NEW YORK, NY 10029
EPA ID: NYD980777387
Mailing address: BROADWAY
NEW YORK, NY 10007
Contact: Not reported
Contact address: BROADWAY
NEW YORK, NY 10007
Contact country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA (Continued)

1000140975

Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

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
Used 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: NYCHA
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA (Continued)

1000140975

Date form received by agency: 07/08/1999
Site name: NYCHA
Classification: Not a generator, verified

Date form received by agency: 09/20/1984
Site name: NYCHA
Classification: Large Quantity Generator

. Waste code: NONE
. Waste name: None

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/27/1987
Date achieved compliance: 01/27/1987
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 01/27/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 01/27/1987
Evaluation lead agency: State

FINDS:

Registry ID: 110004391925

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: 1000140975
Registry ID: 110004391925
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004391925>

NY MANIFEST:

Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA (Continued)

1000140975

EPA ID: NYD980777387
Facility Status: Not reported
Location Address 1: 65 EAST 112TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD980777387
Mailing Name: NEW YORK CITY HOUSING AUTHORITY
Mailing Contact: VINCENT CARA
Mailing Address 1: 250 BROADWAY RM 307
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10007
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2123063279

NY MANIFEST:

Document ID: NJA0027691
Manifest Status: K
seq: Not reported
Year: 1985
Trans1 State ID: NJSWAS834
Trans2 State ID: Not reported
Generator Ship Date: 06/04/1985
Trans1 Recv Date: 06/04/1985
Trans2 Recv Date: / /
TSD Site Recv Date: 06/04/1985
Part A Recv Date: 10/28/1985
Part B Recv Date: 06/13/1985
Generator EPA ID: NYD980777387
Trans1 EPA ID: NJD980526768
Trans2 EPA ID: Not reported
TSDF ID 1: NJD980526768
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: X727 - NJ ONLY UNKNOWN
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA (Continued)

1000140975

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00150
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: X727 - NJ ONLY UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 02000
Units: P - Pounds
Number of Containers: 001
Container Type: TP - Tanks, portable
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**A11
NNW
< 1/8
0.009 mi.
50 ft.**

**CON EDISON
MADISON AVE & E 112TH ST
NEW YORK, NY 10029**

**RCRA NonGen / NLR
FINDS
ECHO**

**1019904189
NYP004794855**

Site 7 of 15 in cluster A

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
19 ft.**

Date form received by agency: 06/16/2015
Facility name: CON EDISON
Facility address: MADISON AVE & E 112TH ST
NEW YORK, NY 10029
EPA ID: NYP004794855
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019904189

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 06/16/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069691916

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: 1019904189
Registry ID: 110069691916
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069691916>

**A12
NNW
< 1/8
0.009 mi.
50 ft.**

**CON EDISON
MADISON AVE & E 112TH ST
NEW YORK, NY 10029**

**NY MANIFEST S119075901
N/A**

Site 8 of 15 in cluster A

**Relative:
Higher**

**Actual:
19 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004794855
Facility Status: Not reported
Location Address 1: SE COR MADISON AVE & 112TH ST
Code: BP
Location Address 2: SB 50721
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004794855

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119075901

Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/16/2015
Trans1 Recv Date: 06/16/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/18/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004794855
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002614410GBF
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119075901

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

**A13
NNW
< 1/8
0.009 mi.
50 ft.**

**CON EDISON
MADISON AVE & E 112TH ST
NEW YORK, NY 10029**

**NJ MANIFEST S120672844
N/A**

Site 9 of 15 in cluster A

**Relative:
Higher**

NJ MANIFEST:

**Actual:
19 ft.**

EPA Id: NYP004794855
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 002614410GBF
EPA ID: NYP004794855
Date Shipped: 6/16/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120672844

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

**A14
NNW
< 1/8
0.013 mi.
66 ft.**

**VAULT 2349
MADISON/E 112TH ST
MANHATTAN, NY

Site 10 of 15 in cluster A**

**NY Spills S105141956
N/A**

**Relative:
Higher

Actual:
19 ft.**

SPILLS:
Facility ID: 0105881
Facility Type: ER
Spill Number: 0105881
DER Facility ID: 172230
Site ID: 207569
DEC Region: 2
Closed Date: 2004-03-17
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 2001-08-31
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 2001-08-31
CID: 396
Water Affected: Not reported
Spill Source: Unknown
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: 2001-08-31
Spill Record Last Update: 2004-03-17
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 001
Contact Name: MARK SCHLAGEL
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis 139242 Robert Grube #11504, Senior Field Oper. F.O.D., reported at 18:13 hrs. that he found at 18:00 hrs. approx. 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAULT 2349 (Continued)

S105141956

gallon of unknown oil mixed with dirt on the floor of vault V2349. The source and cause of the spill is unknown, however, the cause may be a possible bottom leak of the transformer. There is a sewer connection and a concrete sump but the oil & dirt mix did not migrate towards the sump. Two solid samples from spill taken for PCB and Oil Id. For initial cleanup action, Mr. Grube put absorbent baloneys around the sump and disconnected the sump pump. The transformer is a G.E. 500 kV unit, serial # 546920. The fluid capacity as per the nameplate is 257 gallons. Prior PCB historical data indicates 47 ppm as per lab sequence #00-0487-001, dated 5/17/2000. 09/01/0 10:00 hrs J. Gnall # 19045 of the I&A reports that he has condemned the transformer in vault-2349 due to a bottom leak. A partial cleanup was done by W. Knipper # 05153, A. Peerrin # 18138. They bagged up 2 bags of dirt. They put down pads & pigs for further releases until the unit can be replaced. Lab Sequence #01-08747-001 TOTAL PCB 51 ppm. UPDATE: 9/06/01 Vito Mannino #56899 reported at 15:10 hrs. that 200 gallons was removed (drained) from the transformer. The capacity of the unit is 230 gallons (it is a 500 kVA unit). Therefore, approx. 30 gallons spilled onto the vault floor. The defective transformer is being removed on Friday, 9/07/01. The new transformer will be installed at a later date. UPDATE: 9/21/01 Danny Pace #13149, Supervisor-in-Training I&A North, reported at 11:00 hrs. on 9/21/01 that the cleanup of this vault was completed at 18:00 hrs. on 9/20/01."

Remarks: "1 gal unk oil in vault...clean up pending deenigerization of transformer...ref # 139242."

All Materials:

Site ID: 207569
Operable Unit ID: 842919
Operable Unit: 01
Material ID: 530769
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

A15
WSW
< 1/8
0.013 mi.
71 ft.
LOT 50,TAXBLOCK 1616
1665 MADISON AVENUE
MANHATTAN, NY 10029
Site 11 of 15 in cluster A

NY E DESIGNATION **S109155515**
N/A

Relative: E DESIGNATION:
Lower Tax Lot(s): 50
Tax Block: 1616
Actual: Borough Code: MN
17 ft. E-No: E-206
Effective Date: 4/30/2008
Satisfaction Date: Not reported
Ceqr Number: 08HPD001M
Ulurp Number: 080151ZMM
Zoning Map No: 6b

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 50,TAXBLOCK 1616 (Continued)

S109155515

Description: Air Quality - Natural Gas Heat & Hot Water
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

**B16
SE
< 1/8
0.014 mi.
76 ft.**

**CON EDISON MANHOLE: 42039
E 111TH ST & PARK AVE NE COR
NEW YORK, NY 10029**

RCRA NonGen / NLR

**1016143365
NYP004261038**

Site 5 of 13 in cluster B

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
17 ft.**

Date form received by agency: 07/28/2017
Facility name: CON EDISON MANHOLE: 42039
Facility address: E 111TH ST & PARK AVE NE COR
NEW YORK, NY 10029
EPA ID: NYP004261038
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JOSE MONTALVO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1331
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
Used 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: 08/02/2012
Site name: CON EDISON MANHOLE: 42039
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B17
South
< 1/8
0.015 mi.
79 ft.
84 E 76 111TH
84 E 111TH ST
NEW YORK, NY 10029
Site 6 of 13 in cluster B

EDR Hist Auto **1021317631**
N/A

Relative: EDR Hist Auto
Lower

Actual:	Year:	Name:	Type:
17 ft.	2002	84 E 76 111TH	Gasoline Service Stations
	2003	84 E 76 111TH	Gasoline Service Stations
	2004	84 E 76 111TH	Gasoline Service Stations
	2005	84 E 76 111TH	Gasoline Service Stations

B18
SSW
< 1/8
0.015 mi.
79 ft.
CON EDISON SERVICE BOX: 18372
74 E 111TH ST FRONT OF
NEW YORK, NY 10029
Site 7 of 13 in cluster B

RCRA NonGen / NLR **1016962227**
NY MANIFEST **NYP004352332**

Relative: RCRA NonGen / NLR:
Lower

Actual: Date form received by agency: 09/28/2013
17 ft. Facility name: CON EDISON SERVICE BOX: 18372
Facility address: 74 E 111TH ST FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004352332
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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: 08/28/2013
Site name: CON EDISON SERVICE BOX: 18372
Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18372 (Continued)

1016962227

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004352332
Facility Status: Not reported
Location Address 1: 74 E 111TH ST
Code: BP
Location Address 2: SB 18372
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004352332
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/28/2013
Trans1 Recv Date: 08/28/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/30/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004352332
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002220945GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18372 (Continued)

1016962227

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: 400
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

B19
East
< 1/8
0.016 mi.
82 ft.

ROAD INTERSECTION
E. 112 TH ST AND PARK AVE
MANHATTAN, NY

NY Spills S106127276
N/A

Site 8 of 13 in cluster B

Relative:
Lower

Actual:
17 ft.

SPILLS:
Facility ID: 0311039
Facility Type: ER
Spill Number: 0311039
DER Facility ID: 201573
Site ID: 245434
DEC Region: 2
Closed Date: 2004-01-05
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 2003-12-28
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 2003-12-28
CID: 41
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Police 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: 2003-12-28
Spill Record Last Update: 2004-01-05
Spiller Name: Not reported
Spiller Company: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROAD INTERSECTION (Continued)

S106127276

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 01/05/04. DEP has found some oil (1-2 gal) in the catch basin and stains on the road. Spiller is unknown."
Remarks: "Unknown amount of oil (unkn type) spilled on street. Possibly went into sewer. Industrial waste investigators enroute."

All Materials:
Site ID: 245434
Operable Unit ID: 878810
Operable Unit: 01
Material ID: 499869
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

**A20
NW
< 1/8
0.016 mi.
83 ft.**

**CON EDISON MANHOLE: 50731
1696 MADISON AVE
NEW YORK, NY 10029

Site 12 of 15 in cluster A**

**NJ MANIFEST S117986697
N/A**

**Relative:
Higher**

**Actual:
18 ft.**

NJ MANIFEST:
EPA Id: NYP004273637
Mail Address: IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 010456616JJK
EPA ID: NYP004273637
Date Shipped: 10/12/2012
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 50731 (Continued)

S117986697

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: Not reported
Quantity: 1,000.00 Pounds

A21
NW
< 1/8
0.016 mi.
83 ft.

CON EDISON MANHOLE: 50731
1696 MADISON AVE
NEW YORK, NY 10029

Site 13 of 15 in cluster A

RCRA NonGen / NLR 1016148740
FINDS NYP004273637
ECHO
NY MANIFEST

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency: 07/28/2017
Facility name: CON EDISON MANHOLE: 50731
Facility address: 1696 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004273637
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 50731 (Continued)

1016148740

Contact telephone: 347-865-5931
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: 10/12/2012
Site name: CON EDISON MANHOLE: 50731
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110055431509

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: 1016148740
Registry ID: 110055431509
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110055431509>

NY MANIFEST:

Country: USA
EPA ID: NYP004273637
Facility Status: Not reported
Location Address 1: 1695 MADISON AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 50731 (Continued)

1016148740

Code: BP
Location Address 2: MH 50731
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004273637
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/12/2012
Trans1 Recv Date: 10/12/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/12/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004273637
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010456616JJK
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: H111
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 50731 (Continued)

1016148740

Quantity: 100.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

A22
NW
< 1/8
0.016 mi.
84 ft.

CON EDISON SERVICE BOX: 50717
1688 MADISON AVE
NEW YORK, NY 10035

RCRA NonGen / NLR **1016451022**
NY MANIFEST **NYP004300570**

Site 14 of 15 in cluster A

Relative:
Higher

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 05/10/2013
Facility name: CON EDISON SERVICE BOX: 50717
Facility address: 1688 MADISON AVE
NEW YORK, NY 10035
EPA ID: NYP004300570
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-894-9549
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50717 (Continued)

1016451022

Historical Generators:

Date form received by agency: 04/10/2013
Site name: CON EDISON SERVICE BOX: 50717
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300570
Facility Status: Not reported
Location Address 1: FT OF 1688 MADISON AVE
Code: BP
Location Address 2: SERV BOX 50717
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300570
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/10/2013
Trans1 Recv Date: 04/10/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300570
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707752JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50717 (Continued)

1016451022

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

B23
South
< 1/8
0.018 mi.
96 ft.

LOT 141,TAXBLOCK 1616
86 EAST 111 STREET
MANHATTAN, NY 10029

Site 9 of 13 in cluster B

NY E DESIGNATION S109155512
N/A

Relative:
Lower

Actual:
17 ft.

E DESIGNATION:
Tax Lot(s): 141
Tax Block: 1616
Borough Code: MN
E-No: E-206
Effective Date: 4/30/2008
Satisfaction Date: Not reported
Ceqr Number: 08HPD001M
Ulurp Number: 080151ZMM
Zoning Map No: 6b

Description: Air Quality - Natural Gas Heat & Hot Water
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B24
South
< 1/8
0.018 mi.
96 ft.

LOT 38,TAXBLOCK 1616
94 EAST 111 STREET
MANHATTAN, NY 10029

Site 10 of 13 in cluster B

NY E DESIGNATION **S109155514**
N/A

Relative:
Lower

Actual:
17 ft.

E DESIGNATION:
Tax Lot(s): 38
Tax Block: 1616
Borough Code: MN
E-No: E-206
Effective Date: 4/30/2008
Satisfaction Date: Not reported
Ceqr Number: 08HPD001M
Ulurp Number: 080151ZMM
Zoning Map No: 6b

Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

A25
NW
< 1/8
0.022 mi.
115 ft.

E2MIS 157505
28 E. 112TH ST
MANHATTAN, NY

Site 15 of 15 in cluster A

NY Spills **S106867039**
N/A

Relative:
Higher

Actual:
19 ft.

SPILLS:
Facility ID: 0412815
Facility Type: ER
Spill Number: 0412815
DER Facility ID: 273743
Site ID: 338408
DEC Region: 2
Closed Date: 2005-06-22
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 3101
Spill Date: 2005-03-07
Investigator: SKARAKHA
Referred To: Not reported
Reported to Dept: 2005-03-07
CID: 64
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: 2005-03-07
Spill Record Last Update: 2006-10-24
Spiller Name: ERT DESK
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller Company: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E2MIS 157505 (Continued)

S106867039

Contact Name:
DEC Memo:

ERT DESK

"e2mis no 157505 @ 18:30 Flush A-Mech/ J. Carlin 17203. Reported to T. Haynes 82326 that 2 gallons of hydraulic fluid strayed in the air, onto 2 personnel vehicle and onto concrete and asphalt. The hose of the veh#60678 broke loose while the operator was flush a structure. A Buick Century- plate #BMV-5965 and a Jeep Cherokee plate #CXT-8721. No sewer/water was affected. Clean-up is in progress. Leak occurred at 18:15. Update 3-7-05 @ 19:30 A Drummings of eh&s has been notified and is enroute to the spill location. Clean harbors has been contacted for an emergency response team. Evan Altmann from clean harbors called and stated that he will try to put a team together to respond asap. He will call back as soon as he knows if he can get the resources to do the job. A B-ticket was generated by #9, the ticket # is me05005076. R Carty # 16186 reports that there is actually 5 vehicles (not 2) that have hydraulic fluid on them. The other vehicles involved are, a gray 2005 toyota corolla tag # aly 1400 ny, 1988 burgundy ford thunderbird tag # t10 1pu ny, late model gold chevy malibu tag # epm 8020 pa. Evan Altmann from clean harbors has reported that they will not be able to give us a speedy response, as per A Drummings we will try Clean Ventures next to inquire as to the availability of an emergency response team. A Drummings will determine the action needed to do the cleanup when he gets on location. Clean Ventures does have a crew available at this time. 03-07-05 19:56 Clean Ventures has a crew available and en route to do the clean-up on 3 vehicles. 2 of the vehicles have a small amount of hydraulic fluid on them, they will be going to a local car wash. As per A. Dummings - EHS person on location. Update 3-8-05 @ 02:05 R Carty # 16186 reports that the cleanup is complete as of 02:00. All 5 cars double washed and rinsed by clean venture contractor personnel. Cleanup supervisor was R Carty# 16186. A Drummings from eh&s was coordinating the cleanup plan. Fluid from the asphalt was cleaned up using oil absorbent pads and speedy dry. Vactor truck was referred to transportation for remediation of the broken hose Update 3/8/05 @ 9:59 Clean Venture washed 4 cars, 1 SUV, and 2 vans for a total of 7 vehicles. Droplets from mist of hydraulic oil was cleaned using absorbent pads and citrikleen from low end masonry wall of the adjacent elementary school (PS 101). One drum of wash water and absorbent pads collected for disposal."

Remarks:

"Hydraulic hose line broke. Spill occurred on 2 vehicles and the ground (concrete and asphalt). Truck # 60678. Con Ed- 157505"

All Materials:

Site ID: 338408
Operable Unit ID: 1100354
Operable Unit: 01
Material ID: 580636
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

C26
WSW
< 1/8
0.023 mi.
122 ft.

LOT 52,TAXBLOCK 1616
1661 MADISON AVENUE
MANHATTAN, NY

NY E DESIGNATION

S109155516
N/A

Site 1 of 5 in cluster C

Relative:
Lower

E DESIGNATION:

Actual:
17 ft.

Tax Lot(s): 52
Tax Block: 1616
Borough Code: Not reported
E-No: E-206
Effective Date: 4/30/2008
Satisfaction Date: Not reported
Ceqr Number: 08HPD001M
Ulurp Number: 080151ZMM
Zoning Map No: 6b

Description: Air Quality - Natural Gas Heat & Hot Water
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

B27
ESE
< 1/8
0.025 mi.
131 ft.

CON EDISON SERVICE BOX: 42049
1583 PARK AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST

1016962186
NYP004351854

Site 11 of 13 in cluster B

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 09/27/2013
Facility name: CON EDISON SERVICE BOX: 42049
Facility address: 1583 PARK AVE
NEW YORK, NY 10029
EPA ID: NYP004351854
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-894-9549
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42049 (Continued)

1016962186

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: 08/27/2013
Site name: CON EDISON SERVICE BOX: 42049
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004351854
Facility Status: Not reported
Location Address 1: FO 1583 PARK AVE
Code: BP
Location Address 2: SB 42049
Total Tanks: Not reported
Location City: MANHATTAN
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004351854
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15 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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/27/2013
Trans1 Recv Date: 08/27/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/30/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004351854
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002220915GBF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42049 (Continued)

1016962186

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: 2000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

B28
ESE
< 1/8
0.025 mi.
131 ft.

CON EDISON SERVICE BOX: 42049
1583 PARK AVE FRONT OF
NEW YORK, NY 10029
Site 12 of 13 in cluster B

RCRA NonGen / NLR **1016971991**
NY MANIFEST **NYP004457511**

Relative:
Lower
Actual:
17 ft.

RCRA NonGen / NLR:
Date form received by agency: 04/04/2014
Facility name: CON EDISON SERVICE BOX: 42049
Facility address: 1583 PARK AVE FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004457511
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42049 (Continued)

1016971991

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: 03/04/2014
Site name: CON EDISON SERVICE BOX: 42049
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004457511
Facility Status: Not reported
Location Address 1: 1583 PARK AVE
Code: BP
Location Address 2: SB42049
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004457511
Mailing Name: CON EDISON
Mailing Contact: CON EDISION
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42049 (Continued)

1016971991

Generator Ship Date: 03/04/2014
Trans1 Recv Date: 03/04/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/07/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004457511
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 011697548JJK
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: 1500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

B29
SE
< 1/8
0.039 mi.
205 ft.

METRO NORTH RAILROAD SUBSTATION M110
PARK AVE AND E 110TH ST
NEW YORK, NY 10029
Site 13 of 13 in cluster B

RCRA-LQG **1000366501**
NY MANIFEST **NYD982182016**

Relative:
Lower

RCRA-LQG:

Actual:
17 ft.

Date form received by agency: 04/28/2016
Facility name: METRO NORTH RAILROAD SUBSTATION M110
Facility address: PARK AVE AND E 110TH ST
NEW YORK, NY 10029
EPA ID: NYD982182016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METRO NORTH RAILROAD SUBSTATION M110 (Continued)

1000366501

Mailing address: N BROADWAY
C/O ENVIRONMENTAL DEPARTMENT
WHITE PLAINS, NY 10603

Contact: KENNETH MCHALE
Contact address: N BROADWAY C/O ENVIRONMENTAL DEPT.
WHITE PLAINS, NY 10603

Contact country: US
Contact telephone: 914-461-0450
Contact email: MCHALE@MNR.ORG
EPA Region: 02
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: ARGENT VENTURES
Owner/operator address: 5TH AVE
NEW YORK, NY 10176

Owner/operator country: US
Owner/operator telephone: 212-692-5408
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: 12/05/2006
Owner/Op end date: Not reported

Owner/operator name: METRO-NORTH RAILROAD
Owner/operator address: 5TH AVE
NEW YORK, NY 10176

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: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1983
Owner/Op end date: Not reported

Owner/operator name: PENN CENTRAL CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: Not reported
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METRO NORTH RAILROAD SUBSTATION M110 (Continued)

1000366501

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

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: 01/01/2007
Site name: METRO-NORTH SUBSTATION 14
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: METRO-NORTH SUBSTATION 14
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: METRO-NORTH SUBSTATION 14
Classification: Not a generator, verified

Date form received by agency: 05/04/1987
Site name: METRO-NORTH SUBSTATION 14
Classification: Large Quantity Generator

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D008
Waste name: LEAD
Amount (Lbs): 953600

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METRO NORTH RAILROAD SUBSTATION M110 (Continued)

1000366501

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYD982182016
Facility Status: Not reported
Location Address 1: 110TH ST - SUBSTATION 14
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10017
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD982182016
Mailing Name: METRO NORTH COMMUTER RAILROAD
Mailing Contact: KEN MCHALE
Mailing Address 1: 525 NORTH BROADWAY
Mailing Address 2: Not reported
Mailing City: WHITE PLAINS
Mailing State: NY
Mailing Zip: 10603
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9144610593

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 10/29/2015
Trans1 Recv Date: 10/29/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/29/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982182016
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: PAD085690592
TSDF ID 2: Not reported
Manifest Tracking Number: 014427113JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METRO NORTH RAILROAD SUBSTATION M110 (Continued)

1000366501

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: 56260
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
46 additional NY_MANIFEST: record(s) in the EDR Site Report.

D30
SE
< 1/8
0.052 mi.
277 ft.

CON EDISON SERVICE BOX: 18380
112 E 111TH ST FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR 1016961780
NY MANIFEST NYP004346805

Site 1 of 6 in cluster D

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 09/16/2013
Facility name: CON EDISON SERVICE BOX: 18380
Facility address: 112 E 111TH ST FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004346805
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: RICARDO CARTY
Contact address: Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18380 (Continued)

1016961780

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: 08/16/2013
Site name: CON EDISON SERVICE BOX: 18380
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004346805
Facility Status: Not reported
Location Address 1: FO 112 E 111 ST
Code: BP
Location Address 2: SB #18380
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004346805
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/16/2013
Trans1 Recv Date: 08/16/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/19/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004346805
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18380 (Continued)

1016961780

TSDf ID 2: Not reported
Manifest Tracking Number: 002086756GBF
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: 200
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

E31
North
< 1/8
0.053 mi.
281 ft.
ROADWAY
MADISON AVE/EAST 113 ST
MAHATTHAN, NY
Site 1 of 6 in cluster E

NY Spills **S109061628**
N/A

Relative:
Higher

Actual:
21 ft.

SPILLS:
Facility ID: 0800328
Facility Type: ER
Spill Number: 0800328
DER Facility ID: 345558
Site ID: 396064
DEC Region: 2
Closed Date: 2008-04-09
Spill Cause: Other
Spill Class: D5
SWIS: 3101
Spill Date: 2008-04-08
Investigator: vszhune
Referred To: Not reported
Reported to Dept: 2008-04-08
CID: 81

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROADWAY (Continued)

S109061628

Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Fire Department
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: 2008-04-09
Spill Record Last Update: 2008-04-09
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: FIREFIGHTER HANSEN
DEC Memo: "04/09/08-Zhune spoke to Hassen, FF (347) 203-6886. he said It's all cleaned up. Case closed"
Remarks: "UN # 3139, sodium nitrate. Cargo handler is Dacar industries, Transport company New england motor frieight. Unsecured load. shifted drum leaked. Drum was repacked, spill was contained to blacktop, speedi dri used for cleanup."

All Materials:

Site ID: 396064
Operable Unit ID: 1153008
Operable Unit: 01
Material ID: 2143789
Material Code: 0065A
Material Name: unknown non-petro/non-haz material
Case No.: Not reported
Material FA: Other
Quantity: 5.00
Units: G
Recovered: .00
Oxygenate: Not reported

C32
WSW
< 1/8
0.056 mi.
297 ft.

TWO PINT RELEASE AT M18196
35-43 110 STREET
MANHATTAN, NY
Site 2 of 5 in cluster C

NY Spills S108129713
N/A

Relative:
Lower

Actual:
17 ft.

SPILLS:
Facility ID: 0605256
Facility Type: ER
Spill Number: 0605256
DER Facility ID: 318315
Site ID: 368387
DEC Region: 2
Closed Date: 2007-02-16
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 3101
Spill Date: 2006-08-05
Investigator: GDBREEN
Referred To: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TWO PINT RELEASE AT M18196 (Continued)

S108129713

Reported to Dept: 2006-08-05
CID: 74
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: 2006-08-05
Spill Record Last Update: 2007-02-16
Spiller Name: ERT DESK
Spiller Company: CON EDISON
Spiller Address: 35-43 110TH STREET
Spiller Company: 001
Contact Name: ERT DESK
DEC Memo: "02/16/07 - See e-docs for Con Ed report detailing cleanup and closure. 201749. see eDocs. "
Remarks: "2 PTS DIELECTRIC MANHOLE M18196 NOT SURE IF ABLE TO BE REPAIRED WITHIN THE 72 HOURS REF 201749 "

C33
WSW
< 1/8
0.056 mi.
297 ft.

CON EDISON
E 110TH ST & MADISON AVE
NEW YORK, NY 10029

NY MANIFEST **S117060411**
N/A

Site 3 of 5 in cluster C

Relative:
Lower
Actual:
17 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004526356
Facility Status: Not reported
Location Address 1: E 110 ST & MADISON
Code: BP
Location Address 2: SB18211
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004526356
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117060411

seq:	Not reported
Year:	2014
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/08/2014
Trans1 Recv Date:	05/08/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/15/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004526356
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	011697723JJK
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:	800
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

C34
WSW
< 1/8
0.056 mi.
297 ft.

CON EDISON SERVICE BOX: 18211
E 110TH ST & MADISON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS
1017774817
NYP004526356

Site 4 of 5 in cluster C

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 06/08/2014
Facility name: CON EDISON SERVICE BOX: 18211
Facility address: E 110TH ST & MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004526356
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 05/08/2014
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 05/08/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063794933

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource
Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18211 (Continued)

1017774817

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.

F35
South
< 1/8
0.060 mi.
319 ft.

CON EDISON MANHOLE: 42032
PARK AVE & 110TH ST 36 FEET N
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS

1017777578
NYP004554754

Site 1 of 7 in cluster F

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 07/05/2014

Facility name: CON EDISON MANHOLE: 42032
Facility address: PARK AVE & 110TH ST 36 FEET N
OF

NEW YORK, NY 10029
EPA ID: NYP004554754

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Not reported

Contact country: Not reported

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: 06/05/2014

Site name: CON EDISON

Classification: Large Quantity Generator

Date form received by agency: 06/05/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 42032 (Continued)

1017777578

Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063812833

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.

F36
South
< 1/8
0.062 mi.
326 ft.

LOT 36,TAXBLOCK 1616
1516 PARK AVENUE
MANHATTAN, NY

NY E DESIGNATION

S117676228
N/A

Site 2 of 7 in cluster F

Relative:
Lower
Actual:
16 ft.

E DESIGNATION:
Tax Lot(s): 36
Tax Block: 1616
Borough Code: Not reported
E-No: E-206
Effective Date: 4/30/2008
Satisfaction Date: Not reported
Ceqr Number: 08HPD001M
Ulurp Number: 080151ZMM
Zoning Map No: 6b

Description: Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

D37
ESE
< 1/8
0.062 mi.
327 ft.

CON EDISON - SERVICE BOX 18378
115 E 111 ST WEST OF LEXINGTON
NEW YORK, NY 10029

RCRA-LQG
NJ MANIFEST

1012185847
NYP004166823

Site 2 of 6 in cluster D

Relative:
Lower
Actual:
16 ft.

RCRA-LQG:
Date form received by agency: 03/23/2010
Facility name: CON EDISON - SERVICE BOX 18378
Facility address: 115 E 111 ST WEST OF LEXINGTON
AV
NEW YORK, NY 10029
EPA ID: NYP004166823

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18378 (Continued)

1012185847

Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: FRANKLYN MURRAY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-2808
Contact email: MURRAYFR@CONED.COM
EPA Region: 02
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: 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: 04/13/2009
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: 04/13/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18378 (Continued)

1012185847

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 04/13/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004166823
Mail Address: 4 IRVING PLACE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: FRANKLYN MURRAY
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 001028278JJK
EPA ID: NYP004166823
Date Shipped: 04/13/2009
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: 04/13/2009
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18378 (Continued)

1012185847

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: 04/14/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 3000 P

D38
ESE
< 1/8
0.062 mi.
327 ft.

CONSOLIDATED EDISON
115 E 111TH ST W OF LEXINGTON
NEW YORK, NY 10029

NY MANIFEST S119073116
N/A

Site 3 of 6 in cluster D

Relative:
Lower

Actual:
16 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004166823
Facility Status: Not reported
Location Address 1: 115 E 111 ST WEST OF LEXINGTON
Code: BP
Location Address 2: AV
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004166823
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S119073116

Mailing Zip: 10001
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/13/2009
Trans1 Recv Date: 04/13/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/14/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004166823
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 001028278JJK
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: H111
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: 3000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G39
WSW
< 1/8
0.065 mi.
344 ft.
CON EDISON
27 E 110TH ST
NEW YORK, NY 10029
Site 1 of 22 in cluster G

NJ MANIFEST **S120667195**
N/A

Relative:
Lower

NJ MANIFEST:

Actual:
17 ft.

EPA Id: NYP004730834
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 002610465GBF
EPA ID: NYP004730834
Date Shipped: 2/11/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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 TSD Received Waste: Not reported
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120667195

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

G40
WSW
< 1/8
0.065 mi.
344 ft.

CON EDISON
27 E 110TH ST
NEW YORK, NY 10029

NY MANIFEST **S117739943**
N/A

Site 2 of 22 in cluster G

Relative:
Lower

NY MANIFEST:

Actual:
17 ft.

Country: USA
EPA ID: NYP004730834
Facility Status: Not reported
Location Address 1: 27 E 110 ST
Code: BP
Location Address 2: SB18204
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004730834
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/11/2015
Trans1 Recv Date: 02/11/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/12/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004730834
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117739943

Manifest Tracking Number: 002610465GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

G41
WSW
< 1/8
0.065 mi.
344 ft.

CON EDISON
27 E 110TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR **1018278317**
FINDS **NYP004730834**
ECHO

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 02/11/2015
Facility name: CON EDISON
Facility address: 27 E 110TH ST
NEW YORK, NY 10029
EPA ID: NYP004730834
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018278317

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: 02/11/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067703676

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: 1018278317
Registry ID: 110067703676
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067703676>

C42
SW
< 1/8
0.068 mi.
357 ft.

CENTRAL PARK/THE LAKE
59TH ST/110TH ST
NEW YORK, NY
Site 5 of 5 in cluster C

NY Spills **S104510488**
N/A

Relative:
Lower
Actual:
16 ft.

SPILLS:
Facility ID: 9913687
Facility Type: ER
Spill Number: 9913687
DER Facility ID: 209626
Site ID: 255959

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL PARK/THE LAKE (Continued)

S104510488

DEC Region: 2
Closed Date: 2000-03-06
Spill Cause: Other
Spill Class: D4
SWIS: 3101
Spill Date: 2000-03-04
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2000-03-04
CID: 281
Water Affected: THE LAKE
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: 2000-03-04
Spill Record Last Update: 2000-03-06
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: NELSON NICHOLAS
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIBBE "
Remarks: "UNKNOWN SHEEN DISCOVERED AT ABOVE LOCATION. ABSORBENT BOOMS HAVE
BEEN PLACED IN WATER. MATERIAL MAYBE COMMING FROM A DEP CATCH BASIN
ON SIDE OF THE 79TH ST TRANVERSE RD. NO CALL BACK REQUESTED. CALLER
BELIEVES MATERIAL IS ROAD GRIME AND GROUND WATER."

All Materials:
Site ID: 255959
Operable Unit ID: 1092141
Operable Unit: 01
Material ID: 295521
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

F43
South
< 1/8
0.069 mi.
365 ft.

ON ROADWAY
100 110TH STREET
MANHATTAN, NY
Site 3 of 7 in cluster F

NY Spills **S109059852**
N/A

Relative:
Lower
Actual:
16 ft.

SPILLS:
Facility ID: 0712336
Facility Type: ER
Spill Number: 0712336

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ON ROADWAY (Continued)

S109059852

DER Facility ID: 343508
Site ID: 393936
DEC Region: 2
Closed Date: 2008-02-25
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 3101
Spill Date: 2008-02-23
Investigator: hrpatel
Referred To: Not reported
Reported to Dept: 2008-02-23
CID: 78
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Fire Department
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: 2008-02-23
Spill Record Last Update: 2008-02-25
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: FIRE FIGHTER PULTRERA
DEC Memo: "02/25/08-Hiralkumar Patel. spoke with FDNY. they found sheen on water. FDNY didn't found any leak from any vent pipe on either side of sidewalk. believes that oil delivery truck might leaked some oil while driving on street. whatever oil spilled was already drained into city drain with melting snow. nothing left to recover. DEP notified. spill was strictly on asphalt street. case closed."

Remarks: "Streached down the block, entered the gutter. Between 1st and 2nd ave. 245 110th street has the heaviest concentration. Unknown cause. Product is going into the sewer system because of the melting snow. Attempted clean up is underway. Unkown who is the responsible party, trying to determine who it is, perhaps a home delivery truck."

All Materials:
Site ID: 393936
Operable Unit ID: 1150883
Operable Unit: 01
Material ID: 2141529
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G44
West
< 1/8
0.071 mi.
374 ft.

CON EDISON
21 E 110TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS
ECHO

1018278305
NYP004730701

Site 4 of 22 in cluster G

Relative:
Higher

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 02/11/2015
Facility name: CON EDISON
Facility address: 21 E 110TH ST
NEW YORK, NY 10029
EPA ID: NYP004730701
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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
Used 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: 02/11/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067703550

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018278305

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1018278305
Registry ID: 110067703550
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067703550>

G45
West
< 1/8
0.071 mi.
374 ft.

CON EDISON - SERVICE BOX 18203
21 E.110 ST
NEW YORK, NY 10029

RCRA-LQG **1016451064**
NY MANIFEST **NYP004301024**

Site 5 of 22 in cluster G

Relative:
Higher

RCRA-LQG:

Actual:
18 ft.

Date form received by agency: 03/27/2014
Facility name: CON EDISON - SERVICE BOX 18203
Facility address: 21 E.110 ST
NEW YORK, NY 10029
EPA ID: NYP004301024
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
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: 04/12/2013
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18203 (Continued)

1016451064

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: 04/12/2013
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: 05/12/2013
Site name: CON EDISON SERVICE BOX: 18203
Classification: Not a generator, verified

Date form received by agency: 04/12/2013
Site name: CON EDISON SERVICE BOX: 18203
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301024
Facility Status: Not reported
Location Address 1: 21 E.110 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18203 (Continued)

1016451064

NY MANIFEST:

EPAID: NYP004301024
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/12/2013
Trans1 Recv Date: 04/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301024
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708412JJK
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: 2500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18203 (Continued)

1016451064

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 additional NY_MANIFEST: detail in the EDR Site Report.

Country:	USA
EPA ID:	NYP004730701
Facility Status:	Not reported
Location Address 1:	F/O 21 EAST 110 ST
Code:	BP
Location Address 2:	SB18203
Total Tanks:	Not reported
Location City:	NEW YORK
Location State:	NY
Location Zip:	10029
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004730701
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:	2015
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	02/11/2015
Trans1 Recv Date:	02/11/2015
Trans2 Recv Date:	02/12/2015
TSD Site Recv Date:	02/12/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004730701
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002610617GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18203 (Continued)

1016451064

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

G46
West
< 1/8
0.071 mi.
374 ft.

CON EDISON
21 E 110TH ST
NEW YORK, NY 10029

Site 6 of 22 in cluster G

NJ MANIFEST **S120667183**
N/A

Relative: NJ MANIFEST:
Higher EPA Id: NYP004730701
Mail Address: IRVING PL, 15TH FL NE
Actual: Mail City/State/Zip: NEW YORK, NY 10003
18 ft. Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002610617GBF
EPA ID: NYP004730701

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120667183

Date Shipped: 2/11/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

G47
WSW
< 1/8
0.077 mi.
406 ft.

BROTHERS CLEANERS
1644 MADISON AVE
NEW YORK, NY 10029
Site 7 of 22 in cluster G

RCRA NonGen / NLR **1004756554**
FINDS **NYD162381768**
ECHO
NY MANIFEST

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 01/01/2007
Facility name: W BROS DRY CLEANERS HONG CO
Facility address: 1644 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYD162381768
Mailing address: MADISON AVE
NEW YORK, NY 10029
Contact: HONG WANG
Contact address: MADISON AVE
NEW YORK, NY 10029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS CLEANERS (Continued)

1004756554

Contact country: US
Contact telephone: 212-348-7606
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: HONG WANG
Owner/operator address: 1644 MADISON AVE
NEW YORK, NY 10029
Owner/operator country: US
Owner/operator telephone: 212-348-7606
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

Owner/operator name: HONG WANG
Owner/operator address: 1644 MADISON AVE
NEW YORK, NY 10029
Owner/operator country: US
Owner/operator telephone: 212-348-7606
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

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
Used 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: W BROS DRY CLEANERS HONG CO
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS CLEANERS (Continued)

1004756554

Date form received by agency: 08/26/1999

Site name: W BROS DRY CLEANERS HONG CO

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000

. Waste name: Not Defined

. Waste code: D007

. Waste name: CHROMIUM

. Waste code: D008

. Waste name: LEAD

. Waste code: D039

. Waste name: TETRACHLOROETHYLENE

. Waste code: D040

. Waste name: TRICHLORETHYLENE

. 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110004385148

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.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004756554

Registry ID: 110004385148

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004385148>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS CLEANERS (Continued)

1004756554

NY MANIFEST:

Country: USA
EPA ID: NYD162381768
Facility Status: Not reported
Location Address 1: 1644 MADISON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10027
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD162381768
Mailing Name: BROTHERS CLEANERS
Mailing Contact: BROTHERS CLEANERS
Mailing Address 1: 1644 MADISON AVE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10027
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2123487606

NY MANIFEST:

Document ID: NYC6139451
Manifest Status: Not reported
seq: 01
Year: 2000
Trans1 State ID: 08690
Trans2 State ID: H10364
Generator Ship Date: 05/22/2000
Trans1 Recv Date: 05/22/2000
Trans2 Recv Date: 05/26/2000
TSD Site Recv Date: 06/02/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD162381768
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: SCR000074591
TSDF ID 1: OHD980587364
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: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BROTHERS CLEANERS (Continued)

1004756554

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00140
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access
72 additional NY_MANIFEST: record(s) in the EDR Site Report.

G48
WSW
< 1/8
0.077 mi.
406 ft.

BROTHERS CLEANERS
1644 MADISON AV
NEW YORK, NY 10029
Site 8 of 22 in cluster G

EDR Hist Cleaner **1018556726**
N/A

Relative:
Lower

EDR Hist Cleaner

Actual:
17 ft.

Year:	Name:	Type:
1986	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1987	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1988	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1989	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1990	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1991	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1992	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1993	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1994	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1995	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
1996	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
2000	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
2001	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
2002	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
2002	DYW CLEANERS CO	Drycleaning Plants, Except Rugs, NEC
2003	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2003	BROTHERS CLEANERS	Garment Pressing And Cleaners' Agents
2004	TYW CLEANERS	Garment Pressing And Cleaners' Agents
2004	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2005	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2005	TYW CLEANERS	Garment Pressing And Cleaners' Agents
2006	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2006	TYW CLEANERS	Garment Pressing And Cleaners' Agents
2007	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2007	TYW CLEANERS	Garment Pressing And Cleaners' Agents
2008	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2009	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2010	TYW CLEANERS	Garment Pressing And Cleaners' Agents
2010	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2011	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2012	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2013	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC
2014	DYW CLEANERS COMPANY	Drycleaning Plants, Except Rugs, NEC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

G49
WSW
< 1/8
0.077 mi.
406 ft.
Site 9 of 22 in cluster G

NY DRYCLEANERS **S110246099**
N/A

Relative: DRYCLEANERS:
Lower Facility ID: 2-6204-01208
Phone Number: 212-348-7606
Actual: Region: Not reported
17 ft. Registration Effective Date: N/A
Inspection Date: 03OCT21
Install Date: Not reported
Drop Shop: Y
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: Not reported

E50
North
< 1/8
0.078 mi.
413 ft.
Site 2 of 6 in cluster E

RCRA-SQG **1000693810**
ICIS **NYD986999316**
US AIRS
FINDS
ECHO
NY DRYCLEANERS
NY MANIFEST

Relative:
Higher
Actual: RCRA-SQG:
21 ft. Date form received by agency: 01/01/2007
Facility name: MADISON CLEANERS
Facility address: 1716 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYD986999316
Mailing address: MADISON AVE
NEW YORK, NY 10029
Contact: Not reported
Contact address: MADISON AVE
NEW YORK, NY 10029
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
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: HYUN CHOW JOO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON CLEANERS (Continued)

1000693810

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HYUN CHOW JOO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

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
Used 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: MADISON CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/14/1999
Site name: MADISON CLEANERS
Classification: Small Quantity Generator

Date form received by agency: 04/15/1992
Site name: MADISON CLEANERS
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON CLEANERS (Continued)

1000693810

ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ICIS:

Enforcement Action ID: NY000A0000262040138800312
FRS ID: 110004488796
Action Name: MADISON CLEANERS 36061R040700312
Facility Name: MADISON CLEANERS
Facility Address: 1716 MADISON AVE
NEW YORK, NY 100291806
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.798112
Longitude in Decimal Degrees: -73.946238
Permit Type Desc: Not reported
Program System Acronym: NY0000002620401388
Facility NAICS Code: 812320
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262040138800301
FRS ID: 110004488796
Action Name: MADISON CLEANERS 36061R040700301
Facility Name: MADISON CLEANERS
Facility Address: 1716 MADISON AVE
NEW YORK, NY 100291806
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.798112
Longitude in Decimal Degrees: -73.946238
Permit Type Desc: Not reported
Program System Acronym: NY0000002620401388
Facility NAICS Code: 812320
Tribal Land Code: Not reported

US AIRS MINOR:

Envid: 1000693810
Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
D and B Number: Not reported
Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: MIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON CLEANERS (Continued)

1000693810

Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2001-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2002-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-11-27 00:00:00
Activity Status Date: 2000-11-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON CLEANERS (Continued)

1000693810

Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-01-04 00:00:00
Activity Status Date: 2006-01-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

US AIRS MINOR:

Envid: 1000693810
Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
D and B Number: Not reported
Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON CLEANERS (Continued)

1000693810

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-01-25 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2001-01-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2002-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-11-27 00:00:00
Activity Status Date: 2000-11-27 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620401388
Facility Registry ID: 110004488796
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-01-04 00:00:00
Activity Status Date: 2006-01-04 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON CLEANERS (Continued)

1000693810

Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved
Region Code:	02
Programmatic ID:	AIR NY0000002620401388
Facility Registry ID:	110004488796
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2000-01-25 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620401388
Facility Registry ID:	110004488796
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2001-01-24 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620401388
Facility Registry ID:	110004488796
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2002-01-31 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

FINDS:

Registry ID: 110004488796

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON CLEANERS (Continued)

1000693810

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.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000693810
Registry ID: 110004488796
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004488796>

DRYCLEANERS:

Facility ID: 2-6204-01388
Phone Number: 212-410-6485
Region: Not reported
Registration Effective Date: 4/28/2000 08:55:57:646
Inspection Date: 16JUL27
Install Date: 97/00/16
Drop Shop: Y
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYD986999316
Facility Status: Not reported
Location Address 1: 1716 MADISON AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD986999316
Mailing Name: MADIO SN CLEANERS
Mailing Contact: MADIO SN CLEANERS
Mailing Address 1: 1716 MADISON AVENUE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON CLEANERS (Continued)

1000693810

Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124106485

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: TXR000050930
Trans2 State ID: OKD981588791
Generator Ship Date: 01/28/2010
Trans1 Recv Date: 01/28/2010
Trans2 Recv Date: 02/09/2010
TSD Site Recv Date: 02/10/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986999316
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: OHD980587364
TSDF ID 2: Not reported
Manifest Tracking Number: 002004303SKS
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: H020
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: 220.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1.0
Waste Code: F002
Waste Code 1_2: D007
Waste Code 1_3: D029
Waste Code 1_4: D039
Waste Code 1_5: D040
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
36 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

E51 **MADISON CLEANERS INC** **EDR Hist Cleaner** **1020032294**
North **1716 MADISON AVE** **N/A**
< 1/8 **NEW YORK, NY 10029**
0.078 mi.
413 ft. **Site 3 of 6 in cluster E**

Relative: EDR Hist Cleaner
Higher

Actual: 21 ft.	Year:	Name:	Type:
	1991	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	1992	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	1993	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	1994	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	1995	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	1996	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	1997	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	1998	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	1999	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2000	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2001	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2002	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2003	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2004	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2005	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2006	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2007	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2008	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2009	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2010	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2011	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2012	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2013	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC
	2014	MADISON CLEANERS INC	Drycleaning Plants, Except Rugs, NEC

H52 **CON EDISON** **NY MANIFEST** **S117317103**
ESE **125 E 112TH ST** **N/A**
< 1/8 **NEW YORK, NY 10029**
0.079 mi.
419 ft. **Site 1 of 24 in cluster H**

Relative: NY MANIFEST:
Lower

Actual: 17 ft.	Country:	USA
	EPA ID:	NYP004644506
	Facility Status:	Not reported
	Location Address 1:	125 E 112TH ST
	Code:	BP
	Location Address 2:	SB 18517
	Total Tanks:	Not reported
	Location City:	NEW YORK
	Location State:	NY
	Location Zip:	10029
	Location Zip 4:	Not reported
	NY MANIFEST:	
	EPAID:	NYP004644506
	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317103

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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/01/2014
Trans1 Recv Date: 09/01/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/04/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644506
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002609048GBF
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317103

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

E53
North
< 1/8
0.081 mi.
427 ft.

CON EDISON
1718 MADISON AV
NEW YORK, NY 10029
Site 4 of 6 in cluster E

NY MANIFEST S117318709
N/A

Relative:
Higher

Actual:
21 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004662748
Facility Status: Not reported
Location Address 1: 1718 MADISON AV
Code: BP
Location Address 2: SB50734
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004662748
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: 09/22/2014
Trans1 Recv Date: 09/22/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/26/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004662748
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013255807JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117318709

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

D54
SE
< 1/8
0.084 mi.
443 ft.

GREATER HIGHWAY DELIVERANCE
132 EAST 111TH STREET
NEW YORK, NY 10029

NY AST A100183129
N/A

Site 4 of 6 in cluster D

Relative:
Lower

Actual:
16 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-606513
Program Type: PBS
UTM X: 589046.64461
UTM Y: 4516600.62716
Expiration Date: 07/26/2021
Site Type: School

Affiliation Records:
Site Id: 28372
Affiliation Type: Facility Owner
Company Name: GREATER HIGHWAY DELIVERANCE TEMPLE
Contact Type: ADMIN. ASST.
Contact Name: DARREN PAGE
Address1: 132 EAST 111TH STREET
Address2: Not reported
City: NEW YORK
State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREATER HIGHWAY DELIVERANCE (Continued)

A100183129

Zip Code: 10029
Country Code: 001
Phone: (212) 348-8328
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2016-10-05

Site Id: 28372
Affiliation Type: Mail Contact
Company Name: GREATER HIGHWAY DELIVERANCE TEMPLE
Contact Type: Not reported
Contact Name: DARREN L. PAGE
Address1: 132 EAST 111TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029
Country Code: 001
Phone: (212) 348-8328
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 28372
Affiliation Type: Facility Operator
Company Name: GREATER HIGHWAY DELIVERANCE TEMPLE, INC.
Contact Type: Not reported
Contact Name: HAZEL PAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 348-8328
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-05-10

Site Id: 28372
Affiliation Type: Emergency Contact
Company Name: GREATER HIGHWAY DELIVERANCE TEMPLE
Contact Type: Not reported
Contact Name: DARREN PAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 348-8328
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREATER HIGHWAY DELIVERANCE (Continued)

A100183129

Date Last Modified: 2006-05-10

Tank Info:

Tank Number: 001
Tank Id: 61529
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
B05 - Tank External Protection - Jacketed
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H99 - Tank Leak Detection - Other

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/18/1975
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: ACDANIEL
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

G55
WSW
< 1/8
0.085 mi.
450 ft.

CON EDISON
12 E110 ST
NEW YORK, NY 10029
Site 10 of 22 in cluster G

NY MANIFEST **S119073589**
N/A

Relative:
Higher
Actual:
18 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004301040
Facility Status: Not reported
Location Address 1: 12 E110 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004301040

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119073589

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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/12/2013
Trans1 Recv Date: 04/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301040
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708410JJK
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: 5000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119073589

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

G56
WSW
< 1/8
0.085 mi.
450 ft.

CON EDISON - SERVICE BOX 18206
12 E110 ST
NEW YORK, NY 10029

RCRA-LQG **1016451066**
NYP004301040

Site 11 of 22 in cluster G

Relative:
Higher

RCRA-LQG:

Actual:
18 ft.

Date form received by agency: 03/27/2014
Facility name: CON EDISON - SERVICE BOX 18206
Facility address: 12 E110 ST
NEW YORK, NY 10029
EPA ID: NYP004301040
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
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: 04/12/2013
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18206 (Continued)

1016451066

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: 04/12/2013
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: 05/12/2013
Site name: CON EDISON SERVICE BOX: 18206
Classification: Not a generator, verified

Date form received by agency: 04/12/2013
Site name: CON EDISON SERVICE BOX: 18206
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

G57
West
< 1/8
0.086 mi.
453 ft.

CON EDISON
10 E 110TH ST & 5TH AVE FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR

1014397656
NYP004199881

Site 12 of 22 in cluster G

Relative:
Higher

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 10 E 110TH ST & 5TH AVE FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004199881
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: ANTHONY BUDA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014397656

Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-440-1809
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
Used 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: 11/24/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

**D58
SE
< 1/8
0.090 mi.
477 ft.**

**CON EDISON
140 E 111 ST
NEW YORK, NY 10029
Site 5 of 6 in cluster D**

**NY MANIFEST S117317087
N/A**

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYP004644258
Facility Status: Not reported
Location Address 1: 140 E 111 ST
Code: BP
Location Address 2: SB18383
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

**Actual:
16 ft.**

NY MANIFEST:
EPAID: NYP004644258
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317087

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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/01/2014
Trans1 Recv Date: 09/01/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644258
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002608906GBF
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317087

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

H59
ESE
< 1/8
0.094 mi.
495 ft.

138 EAST 112TH ST
138 EAST 112TH ST
MANHATTAN, NY
Site 2 of 24 in cluster H

NY Spills S106470064
N/A

Relative:
Lower
Actual:
16 ft.

SPILLS:

Facility ID:	0402850
Facility Type:	ER
Spill Number:	0402850
DER Facility ID:	247364
Site ID:	306253
DEC Region:	2
Closed Date:	2005-08-25
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	3101
Spill Date:	2004-05-05
Investigator:	ADEBONG
Referred To:	Not reported
Reported to Dept:	2004-06-15
CID:	407
Water Affected:	Not reported
Spill Source:	Unknown
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:	2004-06-15
Spill Record Last Update:	2005-12-27
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	CHARLES SCHWALJE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 6/23/2004 Sangesland spoke with Patty Badding of Environmental Mgmt. (908-604-2291) She says she arrived on the site of the tank pull after the tank had been pulled out by the contractor. Eight soil samples were taken from the pit. At the time they all looked clean and the area was backfilled. Lab results show that 3 of the 8 samples had some hits for some SVOC's. The area has already had a new cement slab laid down and a new building is under construction on the site. Ms. Badding will forward a report to DEC showing the soil sample results and request closure for the spill event. No soil contamination letter was sent. Consultant already was far along in the process and DEC is awaiting a final report. 8/25/05:The Department has recieved final report on this spill, a review of the report indicates that the spill the is no need for remediation.(akwa)"
Remarks:	"Soil tested for contamination."

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 EAST 112TH ST (Continued)

S106470064

All Materials:

Site ID: 306253
Operable Unit ID: 886424
Operable Unit: 01
Material ID: 490459
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

H60
ESE
< 1/8
0.094 mi.
495 ft.

132 EAST 112TH ST. LLC
138 EAST 112TH STREET
NEW YORK, NY 10029

NY AST **U004044987**
N/A

Site 3 of 24 in cluster H

Relative:
Lower
Actual:
16 ft.

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-609666
Program Type: PBS
UTM X: 589092.65448
UTM Y: 4516668.57301
Expiration Date: N/A
Site Type: Other

Affiliation Records:

Site Id: 59043
Affiliation Type: Facility Owner
Company Name: 132 EAST 112TH STREET, LLC
Contact Type: VICE PRESIDENT
Contact Name: DEBORAH WIDORKELR
Address1: 132 EAST 112TH ST., LLC
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029-2616
Country Code: 001
Phone: (212) 869-5300
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2004-08-12

Site Id: 59043
Affiliation Type: Facility Operator
Company Name: 132 EAST 112TH ST. LLC
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

132 EAST 112TH ST. LLC (Continued)

U004044987

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 869-5300
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2004-08-12

Site Id: 59043
Affiliation Type: Emergency Contact
Company Name: 132 EAST 112TH STREET, LLC
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2004-08-12

Site Id: 59043
Affiliation Type: Mail Contact
Company Name: 132 EAST 112TH STREET, LLC
Contact Type: VICE PRESIDENT
Contact Name: DEBORAH WIDORKELR
Address1: 132 EAST 112TH ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029-2616
Country Code: 001
Phone: (212) 869-5300
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2004-09-02

Tank Info:

Tank Number: 001
Tank Id: 179726
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

J00 - Dispenser - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

132 EAST 112TH ST. LLC (Continued)

U004044987

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/05/2004
Register: True
Modified By: KXTANG
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

I61
WNW
< 1/8
0.094 mi.
496 ft.

WOOJIN EASTMORE CLEANERS INC
1325 5TH AVE STORE7
NEW YORK, NY 10029

EDR Hist Cleaner **1018411093**
N/A

Site 1 of 26 in cluster I

Relative:
Higher

EDR Hist Cleaner

Actual:
19 ft.

Year:	Name:	Type:
2011	WOOJIN EASTMORE CLEANERS INC	Garment Pressing And Cleaners' Agents
2012	WOOJIN EASTMORE CLEANERS INC	Garment Pressing And Cleaners' Agents
2013	WOOJIN EASTMORE CLEANERS INC	Garment Pressing And Cleaners' Agents
2014	WOOJIN EASTMORE CLEANERS INC	Garment Pressing And Cleaners' Agents

F62
South
< 1/8
0.094 mi.
496 ft.

CON EDISON SERVICE BOX: 42026
1503 PARK AVE
NEW YORK, NY 10029

RCRA NonGen / NLR **1017777263**
FINDS **NYP004551552**

Site 4 of 7 in cluster F

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 07/03/2014
Facility name: CON EDISON SERVICE BOX: 42026
Facility address: 1503 PARK AVE
NEW YORK, NY 10029
EPA ID: NYP004551552
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42026 (Continued)

1017777263

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
Used 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: 06/03/2014
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 06/03/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063816624

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.

F63
South
< 1/8
0.094 mi.
496 ft.

CON EDISON
1503 PARK AVE
NEW YORK, NY 10029

Site 5 of 7 in cluster F

Relative:
Lower
Actual:
16 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004551552
Facility Status: Not reported
Location Address 1: 1503 PARK AV

NY MANIFEST **S117062772**
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062772

Code: BP
Location Address 2: SB42026
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004551552
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH ST
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: 06/03/2014
Trans1 Recv Date: 06/03/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/06/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004551552
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 013255213JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062772

Quantity: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

E64
North
< 1/8
0.096 mi.
509 ft.

CON EDISON
1730 MADISON AV
NEW YORK, NY 10029
Site 5 of 6 in cluster E

NY MANIFEST **S117318708**
N/A

Relative:
Higher
Actual:
23 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004662730
Facility Status: Not reported
Location Address 1: 1730 MADISON AV
Code: BP
Location Address 2: SB50733
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004662730
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: 09/22/2014
Trans1 Recv Date: 09/22/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117318708

Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/26/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004662730
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 013255806JJK
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

H65
SE
< 1/8
0.098 mi.
515 ft.

PUBLIC SCHOOL 101 - MANHATTAN M101
141 EAST 111TH STREET
NEW YORK, NY 10029

Site 4 of 24 in cluster H

NY AST U003394183
N/A

Relative:
Lower

AST:

Actual:
16 ft.

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-353787
Program Type: PBS
UTM X: 589095.49460
UTM Y: 4516621.31278

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 101 - MANHATTAN M101 (Continued)

U003394183

Expiration Date: N/A
Site Type: School

Affiliation Records:

Site Id: 17565
Affiliation Type: Facility Owner
Company Name: NYC DEPT 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: MSHARMA@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-04-24

Site Id: 17565
Affiliation Type: Mail Contact
Company Name: NYC 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: DAFRANCI
Date Last Modified: 2017-04-26

Site Id: 17565
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: MFLEONAR
Date Last Modified: 2017-10-11

Site Id: 17565
Affiliation Type: Facility Operator
Company Name: PUBLIC SCHOOL 101 - MANHATTAN M101

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 101 - MANHATTAN M101 (Continued)

U003394183

Contact Type: Not reported
Contact Name: BERTHA DUARTE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 876-0297
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-02-18

Tank Info:

Tank Number: 001
Tank Id: 34414
Material Code: 0003
Common Name of Substance: #6 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
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 04/29/1960
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/04/2014
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 34415
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 101 - MANHATTAN M101 (Continued)

U003394183

Equipment Records:

J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
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
G02 - Tank Secondary Containment - Vault (w/access)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I02 - Overfill - High Level Alarm
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 04/29/1960
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/04/2014
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

Tank Number: 003
Tank Id: 251473

Equipment Records:

J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
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
I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)
L00 - Piping Leak Detection - None
I05 - Overfill - Vent Whistle
H02 - Tank Leak Detection - Interstitial - Manual Monitoring

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 02/07/2014
Capacity Gallons: 4000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/31/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 101 - MANHATTAN M101 (Continued)

U003394183

Register: True
Modified By: DAFRANCI
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

H66
SE
< 1/8
0.098 mi.
515 ft.

NYC DEPT OF EDUCATION - PS 101M
141 E 111TH ST
NEW YORK, NY 10029

RCRA-SQG **1004759392**
NY MANIFEST **NYR000009498**

Site 5 of 24 in cluster H

Relative:
Lower

RCRA-SQG:

Actual:
16 ft.

Date form received by agency: 11/05/2013
Facility name: NYC DEPT OF EDUCATION - PS 101M
Facility address: 141 E 111TH ST
NEW YORK, NY 10029
EPA ID: NYR000009498
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 BD OF ED
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-349-5600
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

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
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 101M (Continued)

1004759392

Owner/Op start date: 08/18/1927
Owner/Op end date: Not reported

Owner/operator name: NYC BD OF ED
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101

Owner/operator country: US
Owner/operator telephone: 718-349-5600
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 EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101

Owner/operator country: US
Owner/operator telephone: 718-472-8501
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: 08/18/1927
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

Historical Generators:

Date form received by agency: 01/01/2007
Site name: NYC BD OF ED - PUBLIC SCHOOL 101 MAN
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 101M (Continued)

1004759392

Date form received by agency: 01/01/2006
Site name: NYC BD OF ED - PUBLIC SCHOOL 101 MAN
Classification: Not a generator, verified

Date form received by agency: 07/27/1995
Site name: NYC BD OF ED - PUBLIC SCHOOL 101 MAN
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYR000009498
Facility Status: Not reported
Location Address 1: 2750 LAFAYETTE AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10465
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000009498
Mailing Name: NYC BOARD OF EDUCATION - PS 101
Mailing Contact: NYC BOARD OF EDUCATION - PS 101
Mailing Address 1: 28-11 QUEENS PLAZA NORTH
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: 7183495660

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: MAC300016672
Trans2 State ID: Not reported
Generator Ship Date: 10/19/2015
Trans1 Recv Date: 10/19/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/22/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009498
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 101M (Continued)

1004759392

TSD ID 1: NYD077444263
TSD ID 2: Not reported
Manifest Tracking Number: 008915105FLE
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: 5
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
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

[Click this hyperlink](#) while viewing on your computer to access
22 additional NY_MANIFEST: record(s) in the EDR Site Report.

E67
NNE
< 1/8
0.098 mi.
515 ft.

CON EDISON SERVICE BOX: 50742
1733 MADISON AVE FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR **1016450977**
NY MANIFEST **NYP004300117**

Site 6 of 6 in cluster E

Relative:
Higher

RCRA NonGen / NLR:

Actual:
22 ft.

Date form received by agency: 05/09/2013
Facility name: CON EDISON SERVICE BOX: 50742
Facility address: 1733 MADISON AVE FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004300117
Contact: RICARDO CARTY
Contact address: Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50742 (Continued)

1016450977

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: 04/09/2013
Site name: CON EDISON SERVICE BOX: 50742
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300117
Facility Status: Not reported
Location Address 1: F/O 1733 MADISON AVE
Code: BP
Location Address 2: SERVICE BOX # 50742
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300117
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50742 (Continued)

1016450977

Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/10/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300117
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708376JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

J68
SSE
< 1/8
0.099 mi.
525 ft.

CON EDISON SERVICE BOX: 18230
132 E 110TH ST
NEW YORK, NY 10029
Site 1 of 22 in cluster J

RCRA NonGen / NLR 1016451103
NY MANIFEST NYP004301420

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 05/15/2013
Facility name: CON EDISON SERVICE BOX: 18230
Facility address: 132 E 110TH ST
NEW YORK, NY 10029
EPA ID: NYP004301420

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18230 (Continued)

1016451103

Contact: JUAN RODRIGUEZ
Contact address: Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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: 04/15/2013
Site name: CON EDISON SERVICE BOX: 18230
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301420
Facility Status: Not reported
Location Address 1: 132 E 110TH ST
Code: BP
Location Address 2: SERV BOX 18230
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301420
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18230 (Continued)

1016451103

Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301420
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708440JJK
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: 600
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18230 (Continued)

1016451103

EPA ID: NYP004725826
Facility Status: Not reported
Location Address 1: 132 110 ST & LEXINGTON AV
Code: BP
Location Address 2: SB18230
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004725826
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/04/2015
Trans1 Recv Date: 02/04/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/09/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004725826
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002610315GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18230 (Continued)

1016451103

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

G69
WSW
< 1/8
0.100 mi.
530 ft.

RESIDENTIAL BUILDING
19-21 EAST 109TH ST
MANHATTAN, NY

NY Spills S106736388
N/A

Site 13 of 22 in cluster G

Relative:
Lower
Actual:
17 ft.

SPILLS:
Facility ID: 0410569
Facility Type: ER
Spill Number: 0410569
DER Facility ID: 270824
Site ID: 335580
DEC Region: 2
Closed Date: 2004-12-27
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 3101
Spill Date: 2004-12-23
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2004-12-23
CID: 408
Water Affected: Not reported
Spill Source: Private Dwelling
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: 2004-12-23
Spill Record Last Update: 2006-11-10
Spiller Name: LEVITES MANAGEMENT
Spiller Company: RESIDENTIAL BUILDING
Spiller Address: 19-21 EAST 109 STREET
Spiller Company: 001
Contact Name: LEVITES MANAGEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENTIAL BUILDING (Continued)

S106736388

DEC Memo: "12/23/04 Tipple responded relieving Krimgold, PTC finally arrived and began cleanup. The gross cleanup will be completed 12/23 and the finish work is scheduled to proceed on 12/24. The building has been directed to test/repair/replace the fill line and test the system prior to it's next oil delivery. The building manager Juan (646-379-1603) employed by Levites Realty is aware of what needs to be done. UPDATING 1/14/05.....Tipple conducted a followup site inspection, the cleanup was completed on 12/27/04 when tipple visited. Manifests are to follow from PTC, "

Remarks: "Line going to the tank has a hole in it. Has not been cleaned up."

All Materials:

Site ID: 335580
Operable Unit ID: 1097640
Operable Unit: 01
Material ID: 577666
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 80.00
Units: G
Recovered: .00
Oxygenate: Not reported

**G70
WSW
< 1/8
0.100 mi.
530 ft.**

**PVT DWELLING - TTF
19-21 EAST 109 ST
NEW YORK, NY**

**NY LTANKS S112231207
N/A**

Site 14 of 22 in cluster G

**Relative:
Lower**

**Actual:
17 ft.**

LTANKS:

Facility ID: 1205657
Site ID: 468619
Closed Date: 2016-09-08
Spill Number: 1205657
Spill Date: 2012-09-06
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: 2012-09-06
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: 2012-09-06
Spill Record Last Update: 2016-09-08
Spiller Name: Not reported
Spiller Company: JOHN ROGERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PVT DWELLING - TTF (Continued)

S112231207

Spiller Address: Not reported
Spiller County: 999
Spiller Contact: JOHN ROGERS
Spiller Phone: (732) 598-8920
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 422906
DEC Memo: "9/21/12 TJD TTF letter sent (on E-DOCS). 4/3/13 AFrischeisen intern Call with kate from Levites Realty. She referred me to Mike leon (Leon@levitesrealty.com) but also stated that the tank in question was removed in November 2012 and replaced with a new tank. I emailed Mike Leon (cc TJ DeMeo) asking him to send over all relevant documents. Email reproduced below: Hi Mr. Leon, I was referred to you by Kate at your office. My name is Alejandro Frischeisen, an intern for Tim DeMeo, at the NYS Department of Environmental Conservation. I'm writing in regards to the open spill case at 19-21 E 109th St in Manhattan, Spill # 1205657. We hadn't heard any updates following the tank test failure September 2012. According to your PBS registration #2-290726, the tank was closed in November 2012. Kate also stated that the old tank was removed and a new tank put in place. In order to move forward on the open spill case, I ask that you please send over the original tank test failure report, any soil samples/analyses that were taken to demonstrate no soil contamination, the documents for the installation of the new tank, and the subsequent tightness test performed on the new tank. These documents can all be emailed to Tim DeMeo at tjdemeo@gw.dec.state.ny.us. 9/8/16 TJD File review. PTC is no longer in business, however, as part of operations shutdown DEC DeMeo requested information regarding open spills called into hotline by PTC without any further documentation provided. In 8/11/16 letter report regarding this site, PTC provided the original failing tank test report. As per report, the spill was associated with a dry leak on 3K AST. As per above notes, the involved tank (AST) was replaced in November 2012. Property owner has failed to provide any documentation. As the tank test report indicates a dry leak and the tank has been removed/replaced, the spill is administratively closed. PTC report uploaded to DECDOCS."

Remarks: "3000gal agt"

All Materials:
Site ID: 468619
Operable Unit ID: 1218536
Operable Unit: 01
Material ID: 2216924
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G71
WSW
< 1/8
0.100 mi.
530 ft.
SOIL
19-21 EAST 109TH ST
NEW YORK, NY
Site 15 of 22 in cluster G

NY Spills **S111010798**
N/A

Relative:
Lower

Actual:
17 ft.

SPILLS:

Facility ID: 1100017
Facility Type: ER
Spill Number: 1100017
DER Facility ID: 401986
Site ID: 447382
DEC Region: 2
Closed Date: 2011-04-08
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 3101
Spill Date: 2011-04-01
Investigator: smsanges
Referred To: Not reported
Reported to Dept: 2011-04-01
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
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: 2011-04-01
Spill Record Last Update: 2011-04-08
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: JOE MANSUETO
DEC Memo: "Crystal completed cleanup"
Remarks: "Caller advised the gauge on the fill tank was faulty and the tank was overfilled and spilled onto sidewalk and a small amoujnt went into the catch basin. Clean up is in process."

All Materials:

Site ID: 447382
Operable Unit ID: 1197538
Operable Unit: 01
Material ID: 2193843
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 7.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

I72
WNW
< 1/8
0.101 mi.
531 ft.

CON EDISON
2 E 111TH ST VAULT 8993
NEW YORK, NY 10029

NY MANIFEST

S117064986
N/A

Site 2 of 26 in cluster I

Relative:
Higher

Actual:
19 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP004575098
Facility Status: Not reported
Location Address 1: 2 E 111 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004575098
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: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/24/2014
Trans1 Recv Date: 06/24/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/27/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004575098
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 011694514JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117064986

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: 3000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

I73
WNW
< 1/8
0.101 mi.
531 ft.

**CON EDISON
2 EAST 111TH ST
NEW YORK, NY 10029**

**NY MANIFEST S117319422
N/A**

Site 3 of 26 in cluster I

**Relative:
Higher
Actual:
19 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004671863
Facility Status: Not reported
Location Address 1: 2 EAST 111TH ST
Code: BP
Location Address 2: LEAD DEBRIS
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004671863
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117319422

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/03/2014
Trans1 Recv Date:	10/03/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/07/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004671863
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD980593636
TSD ID 2:	Not reported
Manifest Tracking Number:	007962877FLE
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:	45
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
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:	B007
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

I74
WNW
< 1/8
0.101 mi.
531 ft.

CON EDISON VAULT: 8993
2 E 111TH ST VAULT 8993
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS **1017779509**
NYP004575098

Site 4 of 26 in cluster I

Relative:
Higher

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 07/24/2014
Facility name: CON EDISON VAULT: 8993
Facility address: 2 E 111TH ST VAULT 8993
NEW YORK, NY 10029
EPA ID: NYP004575098
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 06/24/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 06/24/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063840296

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource
Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON VAULT: 8993 (Continued)

1017779509

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.

I75
WNW
< 1/8
0.101 mi.
531 ft.

VAULTS 8910, 8993, 9037, & 9052
2 EAST 111TH ST
MANHATTAN, NY
Site 5 of 26 in cluster I

NY Spills **S117363414**
N/A

Relative:
Higher
Actual:
19 ft.

SPILLS:

Facility ID:	1407113
Facility Type:	ER
Spill Number:	1407113
DER Facility ID:	455622
Site ID:	500612
DEC Region:	2
Closed Date:	2016-08-04
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	3101
Spill Date:	2014-10-07
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	2014-10-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Transformer
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:	2014-10-07
Spill Record Last Update:	2016-08-04
Spiller Name:	ERT
Spiller Company:	CONEDISON
Spiller Address:	4 IRVING PL
Spiller Company:	999
Contact Name:	ERT
DEC Memo:	"10/08/14-Hiralkumar Patel. 11:01 AM:- spoke with Mike at ERT. oil leaked from a transformer located in one of the four adjoining vaults. initial cleanup was performed on 10/05/14. when crew went back to replace leaking transformer, more oil was found in vault containing the transformer. 127 ppm of PCB found in oil. Mike will call back with update on transformer's replacement. 12:02 PM:- received call from Mike with update. he mentioned that spill cleanup was completed on 10/05/14 and the leaking transformer was replaced on 10/05/14. there was no additional release noted. they still need to collect wipe samples from the structure due to PCB level in previous sample. 8/4/16 - Austin - Con Ed contained and cleaned up the spill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAULTS 8910, 8993, 9037, & 9052 (Continued)

S117363414

Remarks: using >50 PCB protocol - The source transformer was tested and no leaks found - See document files for further information - Spill closed - end"
"Oil is contained to the vaults. Initially there was a spill on Oct 2 @ 1135 of 2 gallons. The vaults were pumped out Oct 5 0430. Today it was discovered the total amount spilled was 49 Gallons. Clean up is complete."

All Materials:

Site ID: 500612
Operable Unit ID: 1250014
Operable Unit: 01
Material ID: 2251690
Material Code: 0020A
Material Name: transformer oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 49.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

I76
WNW
< 1/8
0.101 mi.
531 ft.

**CON EDISON VAULT: 9037
2 E 111TH ST VAULT 9037
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1017779507
FINDS NYP004575072**

Site 6 of 26 in cluster I

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
19 ft.**

Date form received by agency: 07/24/2014
Facility name: CON EDISON VAULT: 9037
Facility address: 2 E 111TH ST VAULT 9037
NEW YORK, NY 10029
EPA ID: NYP004575072
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON VAULT: 9037 (Continued)

1017779507

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: 06/24/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 06/24/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063840278

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.

I77
WNW
< 1/8
0.101 mi.
531 ft.

CON EDISON
2 E 111TH ST VAULT 9037
NEW YORK, NY 10029
Site 7 of 26 in cluster I

NY MANIFEST S117064984
N/A

Relative:
Higher
Actual:
19 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004575072
Facility Status: Not reported
Location Address 1: 2 E 111 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004575072
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117064984

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: 06/24/2014
Trans1 Recv Date: 06/24/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/27/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004575072
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 011694515JJK
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: 3000
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: D003
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117064984

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

F78
South
< 1/8
0.101 mi.
531 ft.

MANHOLE 42025
E 109TH ST & PARK AVE
MANHATTAN, NY
Site 6 of 7 in cluster F

NY Spills S104283276
N/A

Relative:
Lower
Actual:
16 ft.

SPILLS:

Facility ID:	9908863
Facility Type:	ER
Spill Number:	9908863
DER Facility ID:	252023
Site ID:	312563
DEC Region:	2
Closed Date:	2004-02-05
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	3101
Spill Date:	1999-10-21
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1999-10-21
CID:	211
Water Affected:	Not reported
Spill Source:	Unknown
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:	1999-10-21
Spill Record Last Update:	2004-02-05
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	FRANK MASSERIA
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT e2mis no. 128561: APPROX. 4 OZ OF AN UNKNOWN OIL ON THE FLOOR OF MH-42025. PADS WERE FOUND ON ARRIVAL. THERE IS A SUMP WITH A SEWER CONNECTION AND PIGS WERE INSTALLED TO ISOLATE SAME. CLEANUP PROCEDURE :(DRY) CLEANUP AS 50-499 PPM, PENDING TEST RESULTS, CAME BACK 8 PPM. SHOVEL DIRT IN 55-GAL DRUM, WAS DOUBLE WASH WITH BIO-GENESIS SOLUTION, MANHOLE WAS THEN FLUSH."
Remarks:	"4 oz product found in manhole - sample taken clean up pending lab results con ed128561"
All Materials:	
Site ID:	312563
Operable Unit ID:	1087554
Operable Unit:	01
Material ID:	297964
Material Code:	0066A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE 42025 (Continued)

S104283276

Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

G79
WSW
< 1/8
0.101 mi.
533 ft.

SPILL NUMBER 0103835
23-27 EAST 109TH ST
MANHATTAN, NY
Site 16 of 22 in cluster G

NY LTANKS **S105055265**
N/A

Relative:
Lower

Actual:
17 ft.

LTANKS:
Facility ID: 0103835
Site ID: 59526
Closed Date: 2001-07-12
Spill Number: 0103835
Spill Date: 2001-07-11
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2001-07-11
CID: 257
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: 2001-07-11
Spill Record Last Update: 2001-07-12
Spiller Name: JIM CAREY
Spiller Company: ARC REALITY
Spiller Address: 23-27 EAST 109TH ST
Spiller County: 001
Spiller Contact: JIM CAREY
Spiller Phone: (718) 579-3413
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 58265
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIPPLE SPILL TO SIDE OF BUILDING AND SIDEWALK CLEANED BY CASTLE OIL."
Remarks: "storage tank overfill due to a broken gauge "
All Materials:
Site ID: 59526
Operable Unit ID: 840454
Operable Unit: 01
Material ID: 535910
Material Code: 0002A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0103835 (Continued)

S105055265

Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: 5.00
Oxygenate: Not reported

**K80
SW
< 1/8
0.101 mi.
533 ft.**

**CON EDISON SERVICE BOX: 18116
55 E 109TH ST
NEW YORK, NY 10029
Site 1 of 17 in cluster K**

**RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST**

**1016451096
NYP004301354**

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
16 ft.**

Date form received by agency: 05/15/2013
Facility name: CON EDISON SERVICE BOX: 18116
Facility address: 55 E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004301354
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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: 04/15/2013
Site name: CON EDISON SERVICE BOX: 18116
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18116 (Continued)

1016451096

Registry ID: 110056328415

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: 1016451096
Registry ID: 110056328415
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056328415>

NY MANIFEST:

Country: USA
EPA ID: NYP004301354
Facility Status: Not reported
Location Address 1: 55 E 109TH ST
Code: BP
Location Address 2: SERV BOX 18116
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301354
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/16/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18116 (Continued)

1016451096

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301354
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708428JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

K81
SSW
< 1/8
0.101 mi.
533 ft.

CON EDISON
73 E 109TH ST E MADISON AVE F OF
NEW YORK, NY 10029

RCRA NonGen / NLR **1014397839**
NY MANIFEST **NYP004201786**

Site 2 of 17 in cluster K

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 02/04/2010
Facility name: CON EDISON
Facility address: 73 E 109TH ST E MADISON AVE F OF
NEW YORK, NY 10029
EPA ID: NYP004201786
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: HERMAN BAKER
Contact address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014397839

Contact country: Not reported
Contact telephone: Not reported
Contact email: 718-267-3853
EPA Region: Not reported
Classification: 02
Description: Non-Generator
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

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004201786
Facility Status: Not reported
Location Address 1: E 109th ST & MADISON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MANHATTAN
Location State: NY
Location Zip: 10020
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004201786
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014397839

Year: 2010
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 02/04/2010
Trans1 Recv Date: 02/04/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/05/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004201786
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NYD980593636
TSD ID 2: Not reported
Manifest Tracking Number: 001433377FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: Y
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: 30.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: B007
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

D82
SE
< 1/8
0.101 mi.
534 ft.
137 EAST 110 LLC
137 EAST 110TH STREET
NEW YORK, NY 10029
Site 6 of 6 in cluster D

NY TANKS
S107783031
N/A

Relative: TANKS:
Lower Facility Id: 2-603407
Region: STATE
Actual: DEC Region: 2
15 ft. Site Status: Active
Program Type: PBS
Expiration Date: 12/16/2021
UTM X: 589063.56378
UTM Y: 4516547.20919

K83
SSW
< 1/8
0.101 mi.
534 ft.
CON EDISON
77 E 109TH ST W OF PARK AVE
NEW YORK, NY 10029
Site 3 of 17 in cluster K

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST
1012185943
NYP004167789

Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 06/01/2016
Actual: Facility name: CON EDISON
16 ft. Facility address: 77 E 109TH ST W OF PARK AVE
NEW YORK, NY 10029
EPA ID: NYP004167789
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MICHAEL BETO
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-337-5519
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
Used 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: 04/20/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185943

Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004167789
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MICHAEL BETO
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001028337JJK
EPA ID: NYP004167789
Date Shipped: 04/20/2009
TSD 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: 04/20/2009
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 TSD Received Waste: 04/21/2009
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185943

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

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 600 P

Manifest Number: 001028457JJK
EPA ID: NYP004167789
Date Shipped: 04/20/2009
TSD 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: 04/20/2009
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 TSD Received Waste: 04/21/2009
TSD 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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185943

Hand Code: H111
Quantity: 250 P

NY MANIFEST:

Country: USA
EPA ID: NYP004167789
Facility Status: Not reported
Location Address 1: 1871 PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004167789
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PL 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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/20/2009
Trans1 Recv Date: 04/20/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/21/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004167789
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001028337JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185943

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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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.

G84
WSW
< 1/8
0.102 mi.
537 ft.

BASEMENT
19-21 E 109TH ST
NEW YORK, NY
Site 17 of 22 in cluster G

NY Spills **S110771694**
N/A

Relative:
Lower
Actual:
17 ft.

SPILLS:
Facility ID: 1206708
Facility Type: ER
Spill Number: 1206708
DER Facility ID: 424021
Site ID: 469716
DEC Region: 2
Closed Date: 2012-12-20
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 3101
Spill Date: 2012-10-07
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 2012-10-07
CID: Not reported
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BASEMENT (Continued)

S110771694

Remediation Phase: 0
Date Entered In Computer: 2012-10-07
Spill Record Last Update: 2012-12-20
Spiller Name: Not reported
Spiller Company: ANDY ROSATO
Spiller Address: Not reported
Spiller Company: 999
Contact Name: ANDY ROSATO
DEC Memo: "10/07/12-Hiralkumar Patel. 11:25 AM:- spoke with Eric. he mentioned that the site has one 3,000 gal tank which was cleaned out recently. they delivered 1,000 gal oil to the tank and now the tank is empty. only 20 gal oil on floor and remaining product missing. Eric mentioned that Envirotrac is responding for investigation/cleanup. after confirming with DEC Austin, asked DEC Sharif to inspect the site. case assigned to DEC Sharif. 10/11/12 Responded on 10/07/12. 3,000 gallon AST cement covered failed tightness testing few days ago. Tank was repaired and held pressure. Delivery made on 10/07/12 morning for 1,000 gallon #2 and super discover oil spill around the tank. Approx 100 gallon recovered. Tank was empty. Apparently, rest of the oil lost in the subsurface. RiteWay was enroute to perform the surface clean up. Dave Lorthior from EnviroTrack was onsite during my visit, and will investigate the subsurface contamination.(sr)
12/19/2012 Closure report prepared by EnviroTrac in edocs. The concrete floor which was made of poor quality, porous concrete, was easily broken up. A second layer of concrete was encountered approx four inches beneath the first. The second layer was constructed of a strong, non-porous concrete which the jack hammer could not penetrate. Tank had three large holes. Exposed subfloor area shows no free product left. As per EnviroTrac's observation, the release did not impact the soil beneath the concrete, the release was almost entirely confined to the basement. All oil soaked debris and the concrete floor adjacent to the foundation wall had been removed and the lower concrete floor had been powerwashed. EnviroTrac attempted to install soil borings in the floor, but the jackhammer could not breakthrough the lower concrete. NFA required.(sr)"
Remarks: "Caller advised aprx 20 gal of oil spilled onto basement floor due to equipment failure. Caller advised Enviro Trac is enroute for clean up."

All Materials:
Site ID: 469716
Operable Unit ID: 1219610
Operable Unit: 01
Material ID: 2218139
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

G85
WSW
< 1/8
0.102 mi.
537 ft.

ALL AMERICAN SVCE STATION
19 E 109TH ST
NEW YORK, NY 10029

Site 18 of 22 in cluster G

EDR Hist Auto **1020835178**
N/A

Relative:
Lower

EDR Hist Auto

Actual:
17 ft.

Year:	Name:	Type:
1993	ALL AMERICAN SVCE STATION	Gasoline Service Stations
1994	ALL AMERICAN SVCE STATION	Gasoline Service Stations

G86
WSW
< 1/8
0.102 mi.
537 ft.

MULTIPLE DWELLING
19-21 EAST 109TH STREET
NEW YORK, NY 10029

Site 19 of 22 in cluster G

NY AST **A100364828**
N/A

Relative:
Lower

Actual:
17 ft.

AST:	
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-290726
Program Type:	PBS
UTM X:	588652.68218
UTM Y:	4516646.97838
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	13150
Affiliation Type:	Facility Owner
Company Name:	1983 HEIGHTS LLC C/O LEVITES REALTY MGMT. CORP.
Contact Type:	AGENT
Contact Name:	KEVIN SUMPTER
Address1:	347 MCLEAN AVE
Address2:	Not reported
City:	YONKERS
State:	NY
Zip Code:	10705
Country Code:	001
Phone:	(212) 993-9060
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	2013-01-15

Site Id:	13150
Affiliation Type:	Mail Contact
Company Name:	1983 HEIGHTS LLC
Contact Type:	Not reported
Contact Name:	KEVIN SUMPTER
Address1:	LEVITES REALTY MANAGEMENT CORP.
Address2:	374 MCLEAN AVE
City:	YONKERS
State:	NY
Zip Code:	10705
Country Code:	001
Phone:	(914) 968-5600
EMail:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MULTIPLE DWELLING (Continued)

A100364828

Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-01-15

Site Id: 13150
Affiliation Type: Facility Operator
Company Name: MULTIPLE DWELLING
Contact Type: Not reported
Contact Name: PASQUEL DEJESUS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (645) 684-1531
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2007-07-19

Site Id: 13150
Affiliation Type: Emergency Contact
Company Name: 1983 HEIGHTS LLC C/O LEVITES REALTY MGMT. CORP.
Contact Type: Not reported
Contact Name: KEVIN PINTOS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 968-5600
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-01-15

Tank Info:

Tank Number: 001
Tank Id: 19004
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MULTIPLE DWELLING (Continued)

A100364828

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 04/01/1985
Capacity Gallons: 2400
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/29/2012
Register: True
Modified By: KAKYER
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

G87
WSW
< 1/8
0.102 mi.
538 ft.

MANHATTAN CASTLE OIL
23 EAST 109TH ST
MANHATTAN, NY
Site 20 of 22 in cluster G

NY LTANKS **S104950659**
N/A

Relative:
Lower

Actual:
17 ft.

LTANKS:
Facility ID: 0013267
Site ID: 204045
Closed Date: 2005-12-14
Spill Number: 0013267
Spill Date: 2001-03-19
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JXGRECO
Referred To: Not reported
Reported to Dept: 2001-03-19
CID: 233
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: 2001-03-19
Spill Record Last Update: 2006-02-09
Spiller Name: Not reported
Spiller Company: CASTLE OIL
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: 169675
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIPPLE 03/26/01 ABC TANK DID CLEANUP CERC1, THE FORMER EMPLOYEE WHOM
I FIRST MET ON THE SPILL SCENE TRIED TO HIDE THE PROBLEM FROM ME, I
PERSISTED AND WALKED THROUGH THE UNLOCKED DOOR REVEALING MUCH

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHATTAN CASTLE OIL (Continued)

S104950659

CONTAMINATED DEBRIS THAT WAS BAGGED AND MOVED TO A BACK ROOM IN THE BASEMENT, AS WELL AS OTHER PETROLEUM CONTAMINATED AREAS. I INSTRUCTED CERC I TO GET A PROPERLY PERMITTED CONTRACTOR TO DISPOSE OF THE DEBRIS AND POWERWASH/VAC AND DISPOSE OF THE PETROLEUM , AND SUBMIT THE WASTE MANIFESTS TO THE DEPARTMENT. oN 3/26/01 CERC I CALLED ME AND INFORMED ME THAT HIS FORMER EMPLOYER, THE OWNERS OF 23EAST 109TH STREET HAD INSTRUCTED HIM TO COVER UP THE PROBLEM AND SUBSEQUENTLY FIRED HIM FOR BEING UNSUCCESSFUL IN THIS COVERUP. 7/18/03 TIPPLE UPDATING//DOCUMENTATION REQUEST SENT. Soil impacted, was the impacted soil removed? 06/21/05 Spill transferred to Greco as part of Spill Closure Initiative. The above statement indicates a letter was sent, however, when this was transferred to the Central Office, there was no file accompanying it, so it cannot be determined who received the documentation request. Further compounding matters is the fact that there is apparently no 23 East 109th St. in Manhattan (Property Shark says the address can't be found). Have requested further support from the Region 2 Office. JDG 6/21/05 6/21/05 NYC website (ACRIS) indicates this address is synonymous with 1632/1640 Madison Ave (Block #01615, Lot 0014). The listed owner of that property is: Madison Central Realty LLC 25 W 43RD St New York NY 10036-7406 7/1/2004 6/21/05 A letter requesting spill remediation information was sent to the above address on 6/21/05. JDG 6/30/05 Talked to Castle Oil (718-579-3400), Jim Carey will call back. JDG 6/30/05 7/12/05 I received a call from Castle Oil and was told that they have no records of remediating (or being liable for) a release at this property. They also said that the NYFD often tells property owners to contact their oil deliver company when there is a release - even if the problem is not theirs. He suspects this to be the case here, as he still has the account with the building (meaning, if the owner thought it was the deliverers fault, they wouldn't still do business with them). 7/12/05 The property is apparently managed by ARC Realty, p.o. box 237108, New York, NY 10023 (212) 579-1500. Called ARC Realty and spoke with Temore Shafran, who manages the property. Mr. Shafran is motivated to close the spill, as they are trying to refinance the building and the bank is requiring they address the release. Mr. Shafran assumed Casle Oil remedied the site, as there have been no complaints, however, he had no records. He is checking into the matter and will call back. Mr. Shafran's cell # is 917-443-5519. JDG 7/12/05 The property is owned by Madison Central Realty, 125 W. 72 nd St., Suite 5R, New York, NY 10023 7/27/05 Scanned and sent photos of original release to Mr. Shafron. He is to get back to me soon. JDG 10/26/05 Contacted Mr. Shafran and he said he had been to the site and that there is no evidence any-longer of the release. He is to call back with th ecase manager's name. JDG 11/01/05 Files from the region appeared in Central Office and found old files indicating that a cleanup occurred on 3/23/01, however, the DEC inspection on 3/26/01 indicates that the cleanup was not complete (i.e., bags of petroleum contaminated material were moved to a seperate room, etc.). The new building owner claims the basement is clear of such items now and is preparing proof. How or when this extra cleanup occurred will likely never be known. JDG 11/01/05 12/14/05 The building propert manager (Saruhan Capin w/Solar Realty Management) provided photos of the basement which indicate the cleanup is now adequate. He also said that the basement has no petroleum odor, and residents have made no complaints regarding petroleum odor. As this was not a major release to begin with, this information appears adequate to close the spill. Photos are in EDOCs. JDG 12/14/05"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHATTAN CASTLE OIL (Continued)

S104950659

Remarks: "FD ON SCENE THEY HAVE MATERIAL IN THE ALLEY APPEARS TO HAVE BEEN A TANK OVERFILL DEP IS TRYING TO CONTACT THE OIL CO TO RESPOND"

All Materials:

Site ID: 204045
Operable Unit ID: 835210
Operable Unit: 01
Material ID: 539984
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

G88
WSW
< 1/8
0.102 mi.
538 ft.
23 E 109 ST
23 EAST 109TH STREET
NEW YORK, NY 10029
Site 21 of 22 in cluster G

NY AST **A100157472**
N/A

Relative:
Lower

AST:

Actual:
17 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-114332
Program Type: PBS
UTM X: 588702.54438
UTM Y: 4516649.89595
Expiration Date: 03/28/2022
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 3731
Affiliation Type: Facility Operator
Company Name: 23 E 109 ST
Contact Type: Not reported
Contact Name: GREGORIO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 992-5377
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2012-03-05

Site Id: 3731
Affiliation Type: Emergency Contact
Company Name: 3694 BROADWAY ASSOCIATES LLC
Contact Type: Not reported
Contact Name: MAURICE MCKENZIE
Address1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

23 E 109 ST (Continued)

A100157472

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 731-3469
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-05-23

Site Id: 3731
Affiliation Type: Facility Owner
Company Name: 3694 BROADWAY ASSOCIATES LLC
Contact Type: MANAGING AGENT
Contact Name: MAURICE MCKENZIE
Address1: 507 WEST 186TH ST SUITE A4
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10033
Country Code: 001
Phone: (212) 923-4840
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-05-23

Site Id: 3731
Affiliation Type: Mail Contact
Company Name: 3694 BROADWAY ASSOCIATES LLC
Contact Type: Not reported
Contact Name: MAURICE MCKENZIE
Address1: 507 WEST 186TH ST
Address2: SUITE A4
City: NEW YORK
State: NY
Zip Code: 10033-2817
Country Code: 001
Phone: (212) 923-4840
EMail: INDHIRA@PARKAMEMGMT.COM
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-05-23

Tank Info:

Tank Number: 001
Tank Id: 4078
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

23 E 109 ST (Continued)

A100157472

C01 - Pipe Location - Aboveground
L00 - Piping Leak Detection - None
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1930
Capacity Gallons: 6000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 05/23/2017
Material Name: #4 fuel oil (on-site consumption)

189
WNW
< 1/8
0.103 mi.
545 ft.

CON EDISON - SERVICE BOX 18357
E 111 ST AND FIFTH AVE
NEW YORK, NY 10026

RCRA-LQG 1014396347
NJ MANIFEST NYP004186110

Site 8 of 26 in cluster I

Relative:
Higher

RCRA-LQG:

Actual:
19 ft.

Date form received by agency: 03/23/2010
Facility name: CON EDISON - SERVICE BOX 18357
Facility address: E 111 ST AND FIFTH AVE
NEW YORK, NY 10026
EPA ID: NYP004186110
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: FRANKLYN MURRAY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-2808
Contact email: MURRAYFR@CONED.COM
EPA Region: 02
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18357 (Continued)

1014396347

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: Operator
Owner/Op start date: 07/24/2009
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: Owner
Owner/Op start date: 07/24/2009
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
Used 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: 07/24/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004186110

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18357 (Continued)

1014396347

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: NY061
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: 001084166GBF
EPA ID: NYP004186110
Date Shipped: 07/24/2009
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: 07/24/2009
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: 07/27/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18357 (Continued)

1014396347

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 4000 P

I90
WNW
< 1/8
0.103 mi.
545 ft.

CON EDISON - MANHOLE M34088
5TH AVE & 111 ST
MANHATTAN, NY 10026

NY MANIFEST S120958075
N/A

Site 9 of 26 in cluster I

Relative:
Higher
Actual:
19 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP004909640
Facility Status: Not reported
Location Address 1: 5TH AVE & 111 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MANHATTAN
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004909640
Mailing Name: CON EDISON - MANHOLE M34088
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL NE
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

I91
WNW
< 1/8
0.103 mi.
545 ft.

CONSOLIDATED EDISON
E 111TH ST & FIFTH AVE
NEW YORK, NY 10026

NY MANIFEST S119073224
N/A

Site 10 of 26 in cluster I

Relative:
Higher
Actual:
19 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP004186110
Facility Status: Not reported
Location Address 1: E 111 ST AND FIFTH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S119073224

Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004186110
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/24/2009
Trans1 Recv Date: 07/24/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/27/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004186110
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001084166GBF
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: H111
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: 4000.0
Units: P - Pounds
Number of Containers: 1.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S119073224

Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

**I92
NW
< 1/8
0.104 mi.
550 ft.**

**CONSOLIDATED EDISON
WEST 112 ST & 5TH AVE
NEW YORK, NY 10020**

NY MANIFEST

**S119073222
N/A**

Site 11 of 26 in cluster I

**Relative:
Higher
Actual:
19 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004185609
Facility Status: Not reported
Location Address 1: WEST 112 ST & 5th AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10020
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004185609
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/28/2009
Trans1 Recv Date: 07/28/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/28/2009
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S119073222

Part B Recv Date: Not reported
Generator EPA ID: NYP004185609
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001084363GBF
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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

**I93
NW
< 1/8
0.104 mi.
550 ft.**

**CON EDISON MANHOLE: 34101
E 5TH AVE & 112TH ST NE
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016961583
NY MANIFEST NYP004343802**

Site 12 of 26 in cluster I

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
19 ft.**

Date form received by agency: 09/08/2013
Facility name: CON EDISON MANHOLE: 34101
Facility address: E 5TH AVE & 112TH ST NE
NEW YORK, NY 10029
EPA ID: NYP004343802
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: RICARDO CARTY
Contact address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 34101 (Continued)

1016961583

Contact country: Not reported
Contact telephone: 646-772-3407
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: 08/08/2013
Site name: CON EDISON MANHOLE: 34101
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004343802
Facility Status: Not reported
Location Address 1: NE 112 ST & 5 AVE
Code: BP
Location Address 2: MH #34101
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004343802
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 34101 (Continued)

1016961583

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/08/2013
Trans1 Recv Date:	08/08/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/14/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004343802
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002086706GBF
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:	1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

194
NW
< 1/8
0.104 mi.
550 ft.

CON EDISON
W 112TH ST & 5TH AVE
NEW YORK, NY 10026

Site 13 of 26 in cluster I

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014396654
NYP004189684

Relative:
Higher

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: W 112TH ST & 5TH AVE
NEW YORK, NY 10026
EPA ID: NYP004189684
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: TIMOTHY REGAN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5436
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: 08/04/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004189684
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: TIMOTHY REGAN
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396654

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: 001084261GBF
EPA ID: NYP004189684
Date Shipped: 08/04/2009
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: 08/04/2009
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: 08/04/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 2000 P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396654

NY MANIFEST:

Country: USA
EPA ID: NYP004189684
Facility Status: Not reported
Location Address 1: SB18496 F/O W 112TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004189684
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PL 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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/04/2009
Trans1 Recv Date: 08/04/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/04/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004189684
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001084261GBF
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: H111
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396654

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

**K95
SW
< 1/8
0.105 mi.
553 ft.**

**CON EDISON
E MADISON AVE & 109TH ST
NEW YORK, NY 10029
Site 4 of 17 in cluster K**

**NY MANIFEST S117739644
N/A**

**Relative:
Lower
Actual:
17 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004727780
Facility Status: Not reported
Location Address 1: MADISON AVE & 109 ST
Code: BP
Location Address 2: SB50700
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004727780
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117739644

Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/07/2015
Trans1 Recv Date: 02/07/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/09/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004727780
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014086930JJK
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K96
SW
< 1/8
0.105 mi.
553 ft.

CON EDISON MANHOLE 50696
E 109TH & MADISON AVE
NEW YORK, NY 10025

Site 5 of 17 in cluster K

NJ MANIFEST

S117985161
N/A

Relative:
Lower

NJ MANIFEST:

Actual:
17 ft.

EPA Id: NYP004248734
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: BENJAMIN BAMONTE
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 006903665JJK
EPA ID: NYP004248734
Date Shipped: 2/28/2012
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 50696 (Continued)

S117985161

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

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: Not reported
Quantity: 599.00 kilograms

K97
SW
< 1/8
0.105 mi.
553 ft.

CON EDISON MANHOLE 50696
E 109TH & MADISON AVE
NEW YORK, NY 10025

RCRA NonGen / NLR 1015746874
NY MANIFEST NYP004248734

Site 6 of 17 in cluster K

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 03/27/2012
Facility name: CON EDISON MANHOLE 50696
Facility address: E 109TH & MADISON AVE
NEW YORK, NY 10025
EPA ID: NYP004248734
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-894-9549
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
Used 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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 50696 (Continued)

1015746874

Date form received by agency: 02/26/2012
Site name: CON EDISON MANHOLE 50696
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004248734
Facility Status: Not reported
Location Address 1: N/W/C EAST 109TH ST & MADISON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10025
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004248734
Mailing Name: CONSOLIDATED EDISON - MH 50696
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/26/2012
Trans1 Recv Date: 02/28/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/29/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004248734
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 006903665JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 50696 (Continued)

1015746874

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: 599.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: Not reported
Waste Code 1_2: D008
Waste Code 1_3: B007
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 additional NY_MANIFEST: detail in the EDR Site Report.

K98
SW
< 1/8
0.105 mi.
553 ft.

CON EDISON
E MADISON AVE & 109TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR

1018278029
NYP004727780

Site 7 of 17 in cluster K

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 02/07/2015
Facility name: CON EDISON
Facility address: E MADISON AVE & 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004727780
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018278029

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 02/07/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

K99
SW
< 1/8
0.105 mi.
553 ft.

CON EDISON
E MADISON AVE & 109TH ST
NEW YORK, NY 10029

NJ MANIFEST **S120666927**
N/A

Site 8 of 17 in cluster K

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004727780
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
17 ft.

Manifest:

Manifest Number: 014086930JJK
EPA ID: NYP004727780
Date Shipped: 2/7/2015
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120666927

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

K100
SW
< 1/8
0.105 mi.
553 ft.

CON EDISON MANHOLE 50696
E 109TH ST & MADISON AVE NW
NEW YORK, NY 10029

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014919187
NYP004233441

Site 9 of 17 in cluster K

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/10/2011
Facility name: CON EDISON MANHOLE 50696
Facility address: E 109TH ST & MADISON AVE NW
COR
NEW YORK, NY 10029
EPA ID: NYP004233441
Mailing address: IRVING PLAZA RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 50696 (Continued)

1014919187

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
Used 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: 04/10/2011
Site name: CON EDISON MANHOLE 50696
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004233441
Mail Address: IRVING PLAZA RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 007660127JJK
EPA ID: NYP004233441
Date Shipped: 4/10/2011
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 50696 (Continued)

1014919187

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1,000.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004233441
Facility Status: Not reported
Location Address 1: N/W/C E 109 ST & MADISON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004233441
Mailing Name: CONSOLIDATED EDISON - MH 3343
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 50696 (Continued)

1014919187

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2011
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	04/10/2011
Trans1 Recv Date:	04/10/2011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/11/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004233441
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	007660127JJK
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:	H111
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:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K101
SW
< 1/8
0.105 mi.
554 ft.

CON EDISON MANHOLE 50700
E 109TH ST & MADISON AVE E OF
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST

1015746843
NYP004248411

Site 10 of 17 in cluster K

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 03/23/2012

Facility name: CON EDISON MANHOLE 50700

Facility address: E 109TH ST & MADISON AVE E OF
INTERSECTION
NEW YORK, NY 10029

EPA ID: NYP004248411

Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003

Contact: JUAN RODRIGUEZ

Contact address: Not reported

Contact country: Not reported

Contact telephone: 347-865-5931

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: 02/22/2012

Site name: CON EDISON MANHOLE 50700

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA

EPA ID: NYP004248411

Facility Status: Not reported

Location Address 1: E/INT OF EAST 109TH ST & MADISON AVE

Code: BP

Location Address 2: Not reported

Total Tanks: Not reported

Location City: NEW YORK

Location State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 50700 (Continued)

1015746843

Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004248411
Mailing Name: CONSOLIDATED EDISON - MH 50700
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/22/2012
Trans1 Recv Date: 02/22/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/23/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004248411
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 009204802JJK
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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 50700 (Continued)

1015746843

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 additional NY_MANIFEST: detail in the EDR Site Report.

**K102
SW
< 1/8
0.105 mi.
554 ft.**

**CON EDISON
E 109TH ST BTWN 5TH & MADISON
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1014397571
ECHO NYP004199006**

Site 11 of 17 in cluster K

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
17 ft.**

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: E 109TH ST BTWN 5TH & MADISON
AVE
NEW YORK, NY 10029
EPA ID: NYP004199006
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MICHAEL BETO
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-337-5519
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
Used 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: 11/04/2009
Site name: CON EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014397571

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

ECHO:

Envid: 1014397571

Registry ID: 110041647019

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110041647019>

F103
South
< 1/8
0.105 mi.
555 ft.

CON EDISON SERVICE BOX 42022
E 109TH ST & PARK AVE NW COR
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST

1015746949
NYP004249494

Site 7 of 7 in cluster F

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 04/11/2012

Actual:
16 ft.

Facility name: CON EDISON SERVICE BOX 42022

Facility address: E 109TH ST & PARK AVE NW COR

NEW YORK, NY 10029

EPA ID: NYP004249494

Mailing address: 4 IRVING PL, RM 828

NEW YORK, NY 10003

Contact: JUAN RODRIGUEZ

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: 347-865-5931

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: 03/12/2012

Site name: CON EDISON SERVICE BOX 42022

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 42022 (Continued)

1015746949

NY MANIFEST:

Country: USA
EPA ID: NYP004249494
Facility Status: Not reported
Location Address 1: N/W/C/O PARK AVE & 109TH ST.
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10003
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004249494
Mailing Name: CONSOLIDATED 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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/12/2012
Trans1 Recv Date: 03/12/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/14/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004249494
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 009203769JJK
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: H111
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 42022 (Continued)

1015746949

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

J104
SE
< 1/8
0.105 mi.
556 ft.
137 EAST 110 LLC
139 EAST 110TH STREET
NEW YORK, NY 10029
Site 2 of 22 in cluster J

NY TANKS **S107783030**
N/A

Relative: TANKS:
Lower Facility Id: 2-603405
Actual: Region: STATE
15 ft. DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 12/16/2021
UTM X: 589068.83055
UTM Y: 4516544.27501

K105
SW
< 1/8
0.107 mi.
563 ft.
CON EDISON - SERVICE BOX 18109
23 EAST 109TH STREET & MADISON
NEW YORK, NY 10029
Site 12 of 17 in cluster K

RCRA-LQG **1012186191**
NY MANIFEST **NYP004170296**
NJ MANIFEST

Relative: RCRA-LQG:
Lower Date form received by agency: 03/23/2010
Actual: Facility name: CON EDISON - SERVICE BOX 18109
17 ft. Facility address: 23 EAST 109TH STREET & MADISON
AVENUE
NEW YORK, NY 10029
EPA ID: NYP004170296
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: FRANKLYN MURRAY
Contact address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18109 (Continued)

1012186191

Contact country: Not reported
Contact telephone: 212-460-2808
Contact email: MURRAYFR@CONED.COM
EPA Region: 02
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: 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: 05/20/2009
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: Owner
Owner/Op start date: 05/20/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18109 (Continued)

1012186191

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: 05/20/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004170296
Facility Status: Not reported
Location Address 1: 23 EAST 109TH STREET & MADISON
Code: BP
Location Address 2: AVENUE
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004170296
Mailing Name: CONSOLIDATED EDISON SSB 18109
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: MANHATTAN
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/10/2009
Trans1 Recv Date: 05/20/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/22/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004170296
Trans1 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18109 (Continued)

1012186191

Trans2 EPA ID:	Not reported
TSDf ID 1:	NJD002200046
TSDf ID 2:	Not reported
Manifest Tracking Number:	003534298JJK
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:	H111
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:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id:	NYP004170296
Mail Address:	4 IRVING PLACE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	FRANKLYN MURRAY
Comments:	Not reported
SIC Code:	Not reported
County:	NY061
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18109 (Continued)

1012186191

Manifest Number: 003534298JJK
EPA ID: NYP004170296
Date Shipped: 05/20/2009
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: 05/20/2009
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: 05/22/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 3000 P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H106
ESE
< 1/8
0.107 mi.
563 ft.

CON EDISON SERVICE BOX: 39153
1806 LEXINGTON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST
1016971763
NYP004455101

Site 6 of 24 in cluster H

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 03/28/2014
Facility name: CON EDISON SERVICE BOX: 39153
Facility address: 1806 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004455101
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 02/28/2014
Site name: CON EDISON SERVICE BOX: 39153
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004455101
Facility Status: Not reported
Location Address 1: 1806 LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39153 (Continued)

1016971763

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004455101
Mailing Name: CON EDISON
Mailing Contact: CON EDISION
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/28/2014
Trans1 Recv Date: 02/28/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/28/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004455101
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002330177GBF
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39153 (Continued)

1016971763

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 additional NY_MANIFEST: detail in the EDR Site Report.

**H107
ESE
< 1/8
0.108 mi.
568 ft.**

**SOIL
1810 LEXINGTON AVE
MANHATTAN, NY**

**NY Spills S118705691
N/A**

Site 7 of 24 in cluster H

**Relative:
Higher
Actual:
18 ft.**

SPILLS:
Facility ID: 1602729
Facility Type: ER
Spill Number: 1602729
DER Facility ID: 483277
Site ID: 529148
DEC Region: 2
Closed Date: 2017-03-29
Spill Cause: Unknown
Spill Class: E6
SWIS: 3101
Spill Date: 2016-06-17
Investigator: TJDEMEO
Referred To: Not reported
Reported to Dept: 2016-06-17
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: 2016-06-17
Spill Record Last Update: 2017-03-29
Spiller Name: TIM
Spiller Company: CON ED
Spiller Address: 1810 LEXINGTON AVE
Spiller Company: 999
Contact Name: TIM
DEC Memo: "6/20/2016: Rashad Called Con Ed on 6/17, while excavation for repair on leaking gas main, 1 pint of discolored oil was found in soil. EMIS: 246498 3/29/17 TJD File review. Final EMIS #246498/5 submitted in support of closure request, as per report: Location Description: 1810 Lexington Avenue and East 112th Street, Manhattan Initial Observation: Contractor Austin Roman working in an excavation to repair a leaking gas main discovered 1 pint of an oily substance leaking in through the soil. Cause: Unknown Resolution: This was not a spill, it was called in to the EH&S Control Desk incorrectly as no

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

SOIL (Continued)

S118705691

qualified company personnel viewed the job first. Con Edison personnel were unable to locate any sign of oil or an oil intrusion and the excavation was backfilled on 6/20/2017. Based upon the documentation provided, the reported environmental condition has been appropriately remediated in accordance with applicable regulations. No further action is required. Spill closed."
"clean up is pending"

Remarks:

All Materials:

Site ID: 529148
Operable Unit ID: 1277985
Operable Unit: 01
Material ID: 2282859
Material Code: 0063A
Material Name: unknown hazardous material
Case No.: Not reported
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

H108
ESE
< 1/8
0.108 mi.
569 ft.

1800 LEXINGTON AVE
1800 LEXINGTON AVE
NEW YORK, NY 10029
Site 8 of 24 in cluster H

NY AST A100291638
N/A

Relative:
Lower

Actual:
17 ft.

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-607285
Program Type: PBS
UTM X: 589115.88853
UTM Y: 4516644.98263
Expiration Date: 01/08/2022
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 29138
Affiliation Type: Mail Contact
Company Name: LEXINGTON II LLC
Contact Type: Not reported
Contact Name: RAFAEL SASSOUNI
Address1: 9 PARK PL SUITE 1E
Address2: Not reported
City: GREAT NECK
State: NY
Zip Code: 11021
Country Code: 001
Phone: (516) 482-8600
EMail: BITA@SASSOUNIMANAGMENT.COM
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-01-17

Site Id: 29138

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1800 LEXINGTON AVE (Continued)

A100291638

Affiliation Type: Facility Operator
Company Name: 1800 LEXINGTON AVE
Contact Type: Not reported
Contact Name: JULIO GARCIA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 440-8769
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-11-16

Site Id: 29138
Affiliation Type: Emergency Contact
Company Name: LEXINGTON II LLC
Contact Type: Not reported
Contact Name: JULIO GARCIA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 440-8769
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-11-16

Site Id: 29138
Affiliation Type: Facility Owner
Company Name: LEXINGTON II LLC
Contact Type: MEMBER
Contact Name: LEXINGTON II LLC
Address1: 9 PARK PL SUITE 1E
Address2: Not reported
City: GREAT NECK
State: NY
Zip Code: 11021
Country Code: 001
Phone: (516) 482-8600
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-01-17

Tank Info:

Tank Number: 01869700
Tank Id: 62689
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1800 LEXINGTON AVE (Continued)

A100291638

Equipment Records:

B99 - Tank External Protection - Other
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
D10 - Pipe Type - Copper
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
I05 - Overfill - Vent Whistle
H99 - Tank Leak Detection - Other

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1987
Capacity Gallons: 1500
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DAFRANCI
Last Modified: 10/02/2017
Material Name: #2 fuel oil (on-site consumption)

H109
ESE
< 1/8
0.108 mi.
570 ft.

CON EDISON SERVICE BOX: 39154
1812 LEXINGTON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR 1016971762
NY MANIFEST NYP004455093

Site 9 of 24 in cluster H

Relative:
Higher
Actual:
18 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/28/2014
Facility name: CON EDISON SERVICE BOX: 39154
Facility address: 1812 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004455093
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39154 (Continued)

1016971762

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
Used 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: 02/28/2014
Site name: CON EDISON SERVICE BOX: 39154
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004455093
Facility Status: Not reported
Location Address 1: 1812 LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004455093
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/28/2014
Trans1 Recv Date: 02/28/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/28/2014
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39154 (Continued)

1016971762

Part B Recv Date: Not reported
Generator EPA ID: NYP004455093
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002330176GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

I110
NW
< 1/8
0.108 mi.
572 ft.

CON EDISON SERVICE BOX: 18497
6 W 112TH ST
NEW YORK, NY 10026

RCRA NonGen / NLR 1016451095
NY MANIFEST NYP004301347

Site 14 of 26 in cluster I

Relative:
Higher

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 05/14/2013
Facility name: CON EDISON SERVICE BOX: 18497
Facility address: 6 W 112TH ST
NEW YORK, NY 10026
EPA ID: NYP004301347
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18497 (Continued)

1016451095

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: 04/14/2013
Site name: CON EDISON SERVICE BOX: 18497
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301347
Facility Status: Not reported
Location Address 1: 6 W 112TH ST
Code: BP
Location Address 2: SERV BOX 18497
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301347
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18497 (Continued)

1016451095

Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301347
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708427JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K111
SSW
< 1/8
0.109 mi.
573 ft.

CON EDISON SERVICE BOX: 18122
68 E 109TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST

1016450407
NYP004294328

Site 13 of 17 in cluster K

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 04/19/2013
Facility name: CON EDISON SERVICE BOX: 18122
Facility address: 68 E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004294328
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 03/19/2013
Site name: CON EDISON SERVICE BOX: 18122
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004294328
Facility Status: Not reported
Location Address 1: 68 E 109 ST
Code: BP
Location Address 2: SERVICE BOX # 18122
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18122 (Continued)

1016450407

NY MANIFEST:

EPAID: NYP004294328
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/19/2013
Trans1 Recv Date: 03/19/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/20/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004294328
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708112JJK
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18122 (Continued)

1016450407

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 additional NY_MANIFEST: detail in the EDR Site Report.

I112
NW
< 1/8
0.109 mi.
574 ft.

CON EDISON SERVICE BOX: 18490
5 W 112TH ST
NEW YORK, NY 10029
Site 15 of 26 in cluster I

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1016451032
NYP004300679

Relative:
Higher
Actual:
19 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/11/2013
Facility name: CON EDISON SERVICE BOX: 18490
Facility address: 5 W 112TH ST
NEW YORK, NY 10029
EPA ID: NYP004300679
Contact: ROBERT LINDELOF
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 917-559-3860
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
Used 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: 04/11/2013
Site name: CON EDISON SERVICE BOX: 18490
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18490 (Continued)

1016451032

Registry ID: 110056328273

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: 1016451032
Registry ID: 110056328273
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056328273>

NY MANIFEST:

Country: USA
EPA ID: NYP004300679
Facility Status: Not reported
Location Address 1: 5 W 112TH ST
Code: BP
Location Address 2: SERV BOX 18490
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300679
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/11/2013
Trans1 Recv Date: 04/11/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18490 (Continued)

1016451032

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300679
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707742JJK
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

G113
WSW
< 1/8
0.109 mi.
574 ft.

CON EDISON SERVICE BOX: 18108
11 E 109TH ST
NEW YORK, NY 10029

Site 22 of 22 in cluster G

RCRA NonGen / NLR **1016451111**
FINDS **NYP004301503**
ECHO
NY MANIFEST

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/15/2013
Facility name: CON EDISON SERVICE BOX: 18108
Facility address: 11 E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004301503
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18108 (Continued)

1016451111

Contact telephone: 347-865-5931
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: 04/15/2013
Site name: CON EDISON SERVICE BOX: 18108
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110056328497

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: 1016451111
Registry ID: 110056328497
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056328497>

NY MANIFEST:

Country: USA
EPA ID: NYP004301503
Facility Status: Not reported
Location Address 1: 11 E 109TH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18108 (Continued)

1016451111

Code: BP
Location Address 2: SERV BOX 18108
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004301503
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/16/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301503
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010708434JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18108 (Continued)

1016451111

Quantity: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

H114
ESE
< 1/8
0.109 mi.
576 ft.

CON EDISON - SERVICE BOX 18519
115 E. 112 ST AND LEXINGTON AV
NEW YORK, NY 10029

RCRA-LQG
NY MANIFEST
NJ MANIFEST

1014395927
NYP004180493

Site 10 of 24 in cluster H

Relative:
Lower

RCRA-LQG:

Actual:
17 ft.

Date form received by agency: 03/23/2010
Facility name: CON EDISON - SERVICE BOX 18519
Facility address: 115 E. 112 ST AND LEXINGTON AV
E
NEW YORK, NY 10029
EPA ID: NYP004180493
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: FRANKLYN MURRAY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-2808
Contact email: MURRAYFR@CONED.COM
EPA Region: 02
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: 4 IRVING PLACE
NEW YORK, NY 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18519 (Continued)

1014395927

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: 06/24/2009
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: 06/24/2009
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
Used 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

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004180493
Facility Status: Not reported
Location Address 1: 115 E. 112 ST AND LEXINGTON AV
Code: BP
Location Address 2: E
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18519 (Continued)

1014395927

NY MANIFEST:

EPAID: NYP004180493
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: ROOM 818
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/29/2009
Trans1 Recv Date: 06/29/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/29/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004180493
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001083784GBF
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: H111
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: 2500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18519 (Continued)

1014395927

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 additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id:	NYP004180493
Mail Address:	4 IRVING PLACE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	FRANKLYN MURRAY
Comments:	Not reported
SIC Code:	Not reported
County:	NY061
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSD Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	001083784GBF
EPA ID:	NYP004180493
Date Shipped:	06/29/2009
TSD 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:	06/29/2009
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 TSD Received Waste:	06/29/2009
TSD EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18519 (Continued)

1014395927

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 2500 P

L115
North
< 1/8
0.109 mi.
578 ft.

NYCHA - TAFT HOUSES
1740 MADISON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1000117339
NYD980235048

Site 1 of 3 in cluster L

Relative:
Higher

RCRA NonGen / NLR:

Actual:
24 ft.

Date form received by agency: 01/01/2007
Facility name: NYCHA - TAFT HOUSES
Facility address: 1740 MADISON AVE
NEW YORK, NY 10029-1806
EPA ID: NYD980235048
Mailing address: MADISON AVE
NEW YORK, NY 10029
Contact: Not reported
Contact address: MADISON AVE
NEW YORK, NY 10029
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 HOUSING AUTH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - TAFT HOUSES (Continued)

1000117339

Owner/Op end date: Not reported

Owner/operator name: NYC HOUSING AUTH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: 212-555-1212
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
Used 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: NYCHA - TAFT HOUSES
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: NYCHA - TAFT HOUSES
Classification: Not a generator, verified

Date form received by agency: 10/07/1985
Site name: NYCHA - TAFT HOUSES
Classification: Large Quantity Generator

. Waste code: X001
. Waste name: WASTE OILS

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

FINDS:

Registry ID: 110004386619

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - TAFT HOUSES (Continued)

1000117339

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: 1000117339
Registry ID: 110004386619
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004386619>

NY MANIFEST:

Country: USA
EPA ID: NYD980235048
Facility Status: Not reported
Location Address 1: 1740 MADISON AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD980235048
Mailing Name: NEW YORK CITY HOUSING AUTHORITY
Mailing Contact: NEW YORK CITY HOUSING AUTHORITY
Mailing Address 1: 1740 MADISON AVENUE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2128765770

NY MANIFEST:

Document ID: NYA5215968
Manifest Status: K
seq: Not reported
Year: 1989
Trans1 State ID: NY86560Z
Trans2 State ID: Not reported
Generator Ship Date: 03/03/1989
Trans1 Recv Date: 03/03/1989
Trans2 Recv Date: / /
TSD Site Recv Date: 03/04/1989
Part A Recv Date: 05/03/1989
Part B Recv Date: 03/21/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - TAFT HOUSES (Continued)

1000117339

Generator EPA ID: NYD980235048
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID 1: KSD980964993
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: B006 - PCB TRANSFORMERS WITH 500 PPM OR > PCB
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 08150
Units: P - Pounds
Number of Containers: 006
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: L Landfill.
Specific Gravity: 000

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

L116
North
< 1/8
0.109 mi.
578 ft.
HOUSING PROJECT
1740 MADISON AVE
MANHATTAN, NY
Site 2 of 3 in cluster L

NY Spills **S104504736**
N/A

Relative: **Higher**
Actual: **24 ft.**
SPILLS:
Facility ID: 9802907
Facility Type: ER
Spill Number: 9802907
DER Facility ID: 165518
Site ID: 198881
DEC Region: 2
Closed Date: 2003-03-03
Spill Cause: Unknown
Spill Class: C3
SWIS: 3101
Spill Date: 1998-06-01
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1998-06-04
CID: 252
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOUSING PROJECT (Continued)

S104504736

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: 1998-06-04
Spill Record Last Update: 2003-03-03
Spiller Name: FRAN ARCHEY
Spiller Company: HOUSING PROJECT
Spiller Address: 1740 MADISON AVE
Spiller Company: 001
Contact Name: UNK
DEC Memo: ""
Remarks: "UPON EXCAVATION SOIL WAS FOUND TO BE CONTAMINATED-WILL PROCEED TO REMOVE TANK AND CONTAMINATED SOIL."

All Materials:

Site ID: 198881
Operable Unit ID: 1063562
Operable Unit: 01
Material ID: 321227
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

L117
North
< 1/8
0.109 mi.
578 ft.
TAFT HOUSES -NYCHA
1740 MADISON AVENUE
NEW YORK, NY
Site 3 of 3 in cluster L

NY LTANKS **S101102902**
NY Spills **N/A**

Relative:
Higher
Actual:
24 ft.

LTANKS:
Facility ID: 9315466
Site ID: 218235
Closed Date: Not reported
Spill Number: 9315466
Spill Date: 1991-02-22
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: AAOBLIGA
Referred To: FW PERFORMED 4/28/14
Reported to Dept: 1994-03-30
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES -NYCHA (Continued)

S101102902

Meets Standard: False
UST Involvement: False
Remediation Phase: 1
Date Entered In Computer: 1994-04-05
Spill Record Last Update: 2017-08-29
Spiller Name: Not reported
Spiller Company: NYCHA - JOE MONTELLA
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: 180561
DEC Memo: "01/05/06: This spill transferred from J.Kolleeny to S.Kraszewski. No site investigation ever performed at this site. No tank closure report for tank 001, removed in 1998 or tank 002 which is closed in place. - SK 01/09/06: Reviewed Phase II Assessment Report from A.L. Eastmond and Sons Inc., submitted in the summer of 1998. This assessment was performed to discover the extent of the contamination found during excavation of tank #1 as well as satisfy the legal abandonment of tank #2. During excavation, all soil recovered from the site was disposed of via trucking to a designated landfill. All old piping was also removed and clean fill replaced the contaminated soil. No GW was encountered. Five post-excavation soil samples were taken from the pit: -one composite sample from each side of the pit -one composite sample taken from the bottom of the pit Lab analysis of the samples does not coincide with what is required by STARS Memo #1. Only TCLP parameters were followed, which is not a substitute for the VOC and SVOC contaminant list in STARS or TAGM 46. Soil samples analyzed under the STARS and TAGM memos in needed from this site. No free product or GW was encountered during excavation. - SK 03/22/06: This spill transferred to K.Tang. - SK 10/9/08: Spill reassigned to J.Kann. Spill 9402166 was closed to consolidate with this spill. Met with NYCHA and their consultant (Preferred Environmental) on October 3 to discuss requirements of the site. Proposed and agreed to the installation of 6 borings (collection of gw and soil from each). Work Plan will be submitted shortly. 11/19/08: J.Kann - Work Plan submitted on 11/19/08. 07/20/10: J.Kann - SIR received on 7/15/10 and edoced. 12/26/12 : J.Kann - comments on SIR emailed today and edoced. 7/29/13: J.Kann - revised SIR received on 4/18/13. Email approving additional delineation work sent to NYCHA on 5/17/13. Report due 11/18/13. 4/28/14: J.kann - visited the site. 4 additional wells are being installed. Gauged MW-2 and MW-3 while at the site. MW-2 has a sheen of thick oil and MW-3 had a sock placed in it with no oil staining and no oil detected in the well. Inspected the boiler room. Minimal staining on the east wall at the location where the wall meets the floor (no fresh oil). Some staining on the south wall/floor which appears more fresh. 11/20/14 - J.Kann - SIR received on 7/17/14. Monitoring well oil/water levels 12 week study received on 11/3/14 and under review. 06/05/2017: J.Kann - VEFR and recovering is on going. Quarterly reporting being completed. Spill reassigned to Andre Obligado. 8/29/17 - Obligado - I received and reviewed the 1st Quarter 2017 monitoring report. This site has no Remediation System. The site has a monitoring program only with oil absorbent socks in MW7. A sheen is observed intermittently in in MW3. Between September 2016 and March 2017, no LNAPL was observed in MW7."

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES -NYCHA (Continued)

S101102902

Remarks: "LEAK RATE OF -0.08 GPH - REPORTED AS PASSED BY TESTER -"

All TTF:

Facility ID: 9315466
Spill Number: 9315466
Spill Tank Test: 1542571
Site ID: 218235
Tank Number: 001
Tank Size: 0
Material: 0002
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: 218235
Operable Unit ID: 997517
Operable Unit: 01
Material ID: 387217
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Facility ID: 9402166
Site ID: 218236
Closed Date: 2008-10-09
Spill Number: 9402166
Spill Date: 1993-03-26
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jkkann
Referred To: CONSOLIDATED WITH 9315466
Reported to Dept: 1994-05-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES -NYCHA (Continued)

S101102902

Date Entered In Computer: 1994-08-22
Spill Record Last Update: 2008-10-09
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: 180561
DEC Memo: "01/05/06: This spill transferred from J.Kolleeny to S.Kraszewski. No site investigation ever performed for either tank. No tank closure report for replacement of tank 001 or closure of tank 002. Need tank closure report. - SK 03/22/06: This spill transferred to K.Tang - SK 10/9/08: Jkann - spill transferred to J.Kann and closed to consolidate with 9315466."

Remarks: "INITIALLY REPORTED AS PASSED."

All TTF:

Facility ID: 9402166
Spill Number: 9402166
Spill Tank Test: 1542719
Site ID: 218236
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
Last Modified Date: Not reported

All Materials:

Site ID: 218236
Operable Unit ID: 995832
Operable Unit: 01
Material ID: 385910
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

SPILLS:

Facility ID: 8809818
Facility Type: ER
Spill Number: 8809818

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES -NYCHA (Continued)

S101102902

DER Facility ID: 180561
Site ID: 255200
DEC Region: 2
Closed Date: 1994-11-17
Spill Cause: Human Error
Spill Class: B3
SWIS: 3101
Spill Date: 1989-03-21
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1989-03-21
CID: Not reported
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Responsible Party
Cleanup Ceased: 1994-11-17
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1989-03-23
Spill Record Last Update: 2006-01-05
Spiller Name: Not reported
Spiller Company: CASTLE COAL & OIL
Spiller Address: 1724 EASTCHESTER ROAD
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "TANK OVERFILL."

All TTF:

Facility ID: 8809818
Spill Number: 8809818
Spill Tank Test: 1535271
Site ID: 255200
Tank Number: Not reported
Tank Size: 0
Material: 0002
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: 255200
Operable Unit ID: 926075
Operable Unit: 01
Material ID: 450990
Material Code: 0002A
Material Name: #4 fuel oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES -NYCHA (Continued)

S101102902

Case No.: Not reported
Material FA: Petroleum
Quantity: 1800.00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9100577
Facility Type: ER
Spill Number: 9100577
DER Facility ID: 180561
Site ID: 79278
DEC Region: 2
Closed Date: 1991-04-15
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 3101
Spill Date: 1991-04-15
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1991-04-15
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: 1991-04-15
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1991-04-16
Spill Record Last Update: 2006-01-05
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: 250 BROADWAY
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "BAD BYPASS VALVE, EPA NOTIFIED,WINSTON CONTRACTING TO DO CLEAN UP,DEC CONTACTED MIKE SIMONELLI,300GALS CONTAINED,SOME IN CATCH BASIN, SITUATION UNDER CONTROL."

All Materials:
Site ID: 79278
Operable Unit ID: 954104
Operable Unit: 01
Material ID: 554436
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 300.00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M118
SE
< 1/8
0.110 mi.
583 ft.
CON EDISON SERVICE BOX: 39147
E 111TH ST & LEXINGTON AVE NW
NEW YORK, NY 10029
Site 1 of 16 in cluster M

NJ MANIFEST **S117985632**
N/A

Relative:
Lower

NJ MANIFEST:

Actual:
16 ft.

EPA Id: NYP004260972
Mail Address: IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JOSE MONTALVO
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 009209601JJK
EPA ID: NYP004260972
Date Shipped: 8/2/2012
TSD 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 TSD Received Waste: Not reported
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39147 (Continued)

S117985632

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

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: Not reported
Quantity: 2,100.00 Pounds

**M119
SE
< 1/8
0.110 mi.
583 ft.**

**CON EDISON
E 111TH ST & LEXINGTON AVE
NEW YORK, NY 10029**

NY MANIFEST

**S118258374
N/A**

Site 2 of 16 in cluster M

**Relative:
Lower**

NY MANIFEST:

**Actual:
16 ft.**

Country: USA
EPA ID: NYP004814527
Facility Status: Not reported
Location Address 1: E 111TH ST & LEXINGTON AVE
Code: BP
Location Address 2: SB 18390
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004814527
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/29/2015
Trans1 Recv Date: 07/29/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/05/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118258374

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004814527
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014472780JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

M120
SE
< 1/8
0.110 mi.
583 ft.

CON EDISON SERVICE BOX: 18393
E 111 & LEXINGTON AVE
NEW YORK, NY 10029

Site 3 of 16 in cluster M

Relative:
Lower

RCRA-CESQG:

Actual:
16 ft.

Date form received by agency: 02/12/2013
Facility name: CON EDISON SERVICE BOX: 18393
Facility address: E 111 & LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004288700
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JOSE MONTALVO
Contact address: Not reported

RCRA-CESQG **1016150199**
NY MANIFEST **NYP004288700**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18393 (Continued)

1016150199

Contact country: Not reported
Contact telephone: Not reported
Contact email: 212-427-1331
EPA Region: Not reported
Classification: 02
Description: Conditionally Exempt Small Quantity Generator
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

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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004288700
Facility Status: Not reported
Location Address 1: F/O 186-188 E 111 ST & SEXINGTON AVE
Code: BP
Location Address 2: SERV BOX 18393
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004288700
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18393 (Continued)

1016150199

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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/12/2013
Trans1 Recv Date: 02/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/13/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004288700
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707500JJK
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: 1000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18393 (Continued)

1016150199

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

M121
SE
< 1/8
0.110 mi.
583 ft.

CON EDISON
E 111TH ST & LEXINGTON AVE
NEW YORK, NY 10029

NJ MANIFEST S120674613
N/A

Site 4 of 16 in cluster M

Relative:
Lower

NJ MANIFEST:

Actual:
16 ft.

EPA Id: NYP004814527
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 014472780JJK
EPA ID: NYP004814527
Date Shipped: 7/29/2015
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120674613

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

**M122
SE
< 1/8
0.110 mi.
583 ft.**

**CON EDISON
E 111TH ST & LEXINGTON AVE SE
NEW YORK, NY 10029**

NJ MANIFEST

**S120670766
N/A**

Site 5 of 16 in cluster M

**Relative:
Lower**

NJ MANIFEST:
EPA Id: NYP004771176
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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

**Actual:
16 ft.**

Manifest:
Manifest Number: 002611779GBF
EPA ID: NYP004771176
Date Shipped: 4/20/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120670766

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

M123
SE
< 1/8
0.110 mi.
583 ft.

CON EDISON SERVICE BOX: 39147
E 111TH ST & LEXINGTON AVE NW COR
NEW YORK, NY 10029

RCRA NonGen / NLR 1016143359
NY MANIFEST NYP004260972

Site 6 of 16 in cluster M

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 07/28/2017
Facility name: CON EDISON SERVICE BOX: 39147
Facility address: E 111TH ST & LEXINGTON AVE NW COR
NEW YORK, NY 10029
EPA ID: NYP004260972
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JOSE MONTALVO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1331
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39147 (Continued)

1016143359

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: 08/02/2012

Site name: CON EDISON SERVICE BOX: 39147

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004260972
Facility Status: Not reported
Location Address 1: NW COR E 111TH ST & LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004260972
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE FLOOR 15
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: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/02/2012
Trans1 Recv Date: 08/02/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/02/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004260972
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39147 (Continued)

1016143359

TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 009209601JJK
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: H111
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: 2100.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

**M124
SE
< 1/8
0.110 mi.
583 ft.**

**CON EDISON
E 111TH ST & LEXINGTON AVE
NEW YORK, NY 10029**

RCRA NonGen / NLR

**1019905868
NYP004814527**

Site 7 of 16 in cluster M

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
16 ft.**

Date form received by agency: 07/29/2015
Facility name: CON EDISON
Facility address: E 111TH ST & LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004814527
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019905868

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
Used 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: 07/29/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

**M125
SE
< 1/8
0.110 mi.
583 ft.**

**CON EDISON
LEXINGTON AVE & E 111TH ST
NEW YORK, NY 10029**

**RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST**

**1014396639
NYP004189536**

Site 8 of 16 in cluster M

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
16 ft.**

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: LEXINGTON AVE & E 111TH ST
NEW YORK, NY 10029
EPA ID: NYP004189536
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: ANTONIO DELGADO
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 212-580-8383
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396639

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 07/30/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004189536
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: ANTONIO DELGADO
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 000961515GBF
EPA ID: NYP004189536
Date Shipped: 07/31/2009
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: 07/31/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396639

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 08/03/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004189536
Facility Status: Not reported
Location Address 1: LEXINGTON AVE / E 110TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004189536
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PL 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396639

Manifest Status:	Not reported
seq:	Not reported
Year:	2009
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/31/2009
Trans1 Recv Date:	07/31/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/03/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004189536
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	000961515GBF
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:	H111
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:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

M126
SE
< 1/8
0.110 mi.
583 ft.

CON EDISON
E 111TH ST & LEXINGTON AVE SE
NEW YORK, NY 10029

RCRA NonGen / NLR

1019902223
NYP004771176

Site 9 of 16 in cluster M

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 04/20/2015
Facility name: CON EDISON
Facility address: E 111TH ST & LEXINGTON AVE SE
COR
NEW YORK, NY 10029
EPA ID: NYP004771176
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 04/20/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

M127
SE
< 1/8
0.110 mi.
583 ft.

CON EDISON
E 111TH ST & LEXINGTON AVE SE
NEW YORK, NY 10029

NY MANIFEST

S119074632
N/A

Site 10 of 16 in cluster M

Relative:
Lower

NY MANIFEST:

Actual:
16 ft.

Country: USA
EPA ID: NYP004771176
Facility Status: Not reported
Location Address 1: SE COR E 111TH ST & LEXINGTON AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119074632

Code: BP
Location Address 2: M 39146
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004771176
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/20/2015
Trans1 Recv Date: 04/20/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/22/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004771176
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002611779GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119074632

Quantity: 1000
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

H128
ESE
< 1/8
0.110 mi.
583 ft.

**CON EDISON MANHOLE: 39156
LEXINGTON AVE & 112TH ST
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016969371
NY MANIFEST NYP004430310**

Site 11 of 24 in cluster H

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
17 ft.**

Date form received by agency: 02/28/2014
Facility name: CON EDISON MANHOLE: 39156
Facility address: LEXINGTON AVE & 112TH ST
NEW YORK, NY 10029
EPA ID: NYP004430310
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 39156 (Continued)

1016969371

Historical Generators:

Date form received by agency: 01/30/2014
Site name: CON EDISON MANHOLE: 39156
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004430310
Facility Status: Not reported
Location Address 1: LEXINGTON AVE NE 112 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004430310
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: 01/30/2014
Trans1 Recv Date: 01/30/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/30/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004430310
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 011694047JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 39156 (Continued)

1016969371

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

H129
ESE
< 1/8
0.110 mi.
583 ft.

LEXINGTON AVE
LEXINGTON AVE/EAST 112 ST
MANHATTAN, NY

NY Spills S109061970
N/A

Site 12 of 24 in cluster H

Relative:
Lower
Actual:
17 ft.

SPILLS:
Facility ID: 0800725
Facility Type: ER
Spill Number: 0800725
DER Facility ID: 346010
Site ID: 396531
DEC Region: 2
Closed Date: 2008-04-25
Spill Cause: Other
Spill Class: C4
SWIS: 3101
Spill Date: 2008-04-17
Investigator: smsanges
Referred To: Not reported
Reported to Dept: 2008-04-17
CID: 27
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEXINGTON AVE (Continued)

S109061970

UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2008-04-17
Spill Record Last Update: 2008-04-25
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Site visit made. No problems found"
Remarks: "Construction crew digging out an oil tank and it is spilling."

All Materials:
Site ID: 396531
Operable Unit ID: 1153502
Operable Unit: 01
Material ID: 2144264
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: .00
Oxygenate: Not reported

**H130
ESE
< 1/8
0.110 mi.
583 ft.**

**SPILL NUMBER 9809080
E 112 ST & LEXINGTON AV
MANHATTAN, NY**

**NY Spills S104648043
N/A**

Site 13 of 24 in cluster H

**Relative:
Lower
Actual:
17 ft.**

SPILLS:
Facility ID: 9809080
Facility Type: ER
Spill Number: 9809080
DER Facility ID: 131289
Site ID: 154881
DEC Region: 2
Closed Date: 2003-11-14
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 1998-10-21
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 1998-10-21
CID: 365
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 9809080 (Continued)

S104648043

Date Entered In Computer: 1998-10-21
Spill Record Last Update: 2003-11-14
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: Not reported
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT e2mis 120670 10/21/98 03:59 HEYMACK (FOD) REPORTS: WORKING ON SCHEDULE FDR-3M67 IN M-39156 N/E/C E.112 ST. & LEXINGTON AVE. FOUND APPROX. 10 GALS OF AN UNKNOWN FLUID ON APPROX. 250 GALS OF WATER. FLUID IS CONTAINED TO THE MANHOLE DIDN'T ENTER ANY WATERWAYS OR SEWER SYSTEMS. NO VISIBLE SUMP PIT. NO VISIBLE CRACKS IN MANHOLE. TOOK SAMPLE AND HUNG SIGN # 17863 10/21/98 04:22 C.I.G. ROACH NOTIFIED. Analysis Received SA98-11340 = No Aroclor / PCB <1.0 PPM .. 10/21/98 .. roz 10-22-98 10:20 Cleanup complete 10-21-98 at 1800 hours, supervised by R.Veasquez 27188. 500 gallons water removed via tanker, mh was then double washed. 1-plastic bag non hazardous waste generated. Tag 17863 removed. Crew: J.Burgos 07271, A.Pizarro 14971, J.Pelzer 06470 and R.Calderon 19847. "
Remarks: "CONTAINED IN MANHOLE #39156 - 120670 CON ED #"

All Materials:

Site ID: 154881
Operable Unit ID: 1066358
Operable Unit: 01
Material ID: 316544
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: .00
Oxygenate: Not reported

H131
ESE
< 1/8
0.110 mi.
583 ft.

**CONSOLIDATED EDISON
E 112TH & LEXINGTON
NEW YORK, NY 10020**

**NY MANIFEST 1009239801
N/A**

Site 14 of 24 in cluster H

**Relative:
Lower
Actual:
17 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004065777
Facility Status: Not reported
Location Address 1: E 112TH & LEXINGTON
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10020
Location Zip 4: Not reported
NY MANIFEST:
EPAID: NYP004065777
Mailing Name: CONSOLIDATED EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

1009239801

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: NYE0708111
Manifest Status: Not reported
seq: 01
Year: 2000
Trans1 State ID: 17741AV
Trans2 State ID: Not reported
Generator Ship Date: 10/26/2000
Trans1 Recv Date: 10/26/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/27/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004065777
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
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: B007 - OTHER MISCELLANEOUS PCB WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00167
Units: K - Kilograms (2.2 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

H132
ESE
< 1/8
0.110 mi.
583 ft.

CON EDISON
LEXINGTON AVE & E 112TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST
1014397682
NYP004200150

Site 15 of 24 in cluster H

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: LEXINGTON AVE & E 112TH ST
NEW YORK, NY 10029
EPA ID: NYP004200150
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: ANTONIO DELGADO
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 212-580-8383
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: 12/05/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004200150
Facility Status: Not reported
Location Address 1: LEXINGTON AVE & 113 ST - MH 39163
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014397682

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004200150

Mailing Name: CONSOLIDATED EDISON

Mailing Contact: CONSOLIDATED EDISON

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: 2009

Trans1 State ID: NYD006982359

Trans2 State ID: Not reported

Generator Ship Date: 12/05/2009

Trans1 Recv Date: 12/05/2009

Trans2 Recv Date: Not reported

TSD Site Recv Date: 12/07/2009

Part A Recv Date: Not reported

Part B Recv Date: Not reported

Generator EPA ID: NYP004200150

Trans1 EPA ID: Not reported

Trans2 EPA ID: Not reported

TSD ID 1: NYD980593636

TSD ID 2: Not reported

Manifest Tracking Number: 001439577FLE

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: 200.0

Units: K - Kilograms (2.2 pounds)

Number of Containers: 2.0

Container Type: DM - Metal drums, barrels

Handling Method: L Landfill.

Specific Gravity: 1.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014397682

Waste Code: D008
Waste Code 1_2: B007
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 additional NY_MANIFEST: detail in the EDR Site Report.

H133
ESE
< 1/8
0.110 mi.
583 ft.

219438; LEXINGTON AVE AND 112TH ST
LEXINGTON AVE AND 112TH ST
MANHATTAN, NY

NY Spills S110307583
N/A

Site 16 of 24 in cluster H

Relative:
Lower
Actual:
17 ft.

SPILLS:
Facility ID: 0914652
Facility Type: ER
Spill Number: 0914652
DER Facility ID: 388830
Site ID: 433951
DEC Region: 2
Closed Date: 2009-12-04
Spill Cause: Unknown
Spill Class: D4
SWIS: 3101
Spill Date: 2009-12-01
Investigator: DMPOKRZY
Referred To: Not reported
Reported to Dept: 2009-12-31
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: Not reported
Last Inspection: Not reported
Recommended Penalty: Not reported
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2010-04-27
Spill Record Last Update: 2010-04-27
Spiller Name: ERT DESK
Spiller Company: CON EDISON
Spiller Address: 5030 BROADWAY
Spiller Company: 001
Contact Name: ERT DESK
DEC Memo: ""
Remarks: ""

All Materials:
Site ID: 433951
Operable Unit ID: 1184800
Operable Unit: 01
Material ID: 2179054
Material Code: 0541A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

219438; LEXINGTON AVE AND 112TH ST (Continued)

S110307583

Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: Not reported
Oxygenate: Not reported

**H134
ESE
< 1/8
0.110 mi.
583 ft.**

**MANHOLE 39156
E 112TH ST/LEXINGTON AV
MANHATTAN, NY
Site 17 of 24 in cluster H**

**NY Spills S103485032
N/A**

**Relative:
Lower**

**Actual:
17 ft.**

SPILLS:

Facility ID: 9808280
Facility Type: ER
Spill Number: 9808280
DER Facility ID: 64071
Site ID: 66986
DEC Region: 2
Closed Date: 2003-11-04
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 1998-10-05
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 1998-10-05
CID: 323
Water Affected: Not reported
Spill Source: Unknown
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: 1998-10-05
Spill Record Last Update: 2003-11-12
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: MIKE CESARE
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT General Info: Feeder 3M67, 700 Gals of water How spill was discovered: Crew was doing work on the above mentioned feeder. Containment: ConEd claims containment. Oil containing equipment in manhole: Information was unavailable at this time. Cleanup Plan: Sample already taken. Cleanup pending sample results -spn E2MIS 120323 10/05/98 17:00 J.BYRNES (UG) REPORTS: WHILE DOING DEAD WORK ON FDR-3M67 IN M-39156 N/E/C E.112 ST & LEXINGTON AVE. FOUND APPROX. 5 GLS OF UNKNOWN OIL ON APPROX. 700 GLS OF WATER. OIL IS CONTAINED TO THE MANHOLE. DIDN'T ENTER ANY WATERWAYS OR SEWER SYSTEMS. TOOK SAMPLE AND HUNG SIGN # 10611. UNABLE TO DETERMINE IF THERE ARE ANY CRACKS ON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE 39156 (Continued)

S103485032

THE WALLS OF MANHOLE. 10/05/98 17:30 HRS.CIG M.CESARE #55121 NOTIFIED D.ROMANO. 10/08/98 OS (UG) J. Byrnes #62353 reports clean up in M39156 NEC Lexington Ave & E112 St was started on 10/05/98 @ 16:00 hrs. Treated Wastestream >50 ppm PCB Removed 700 gals. Oil/Water to >50 tanker Crews began removing sediment and debris. Environmental Detailed Incident Report Crews: J. Hinojosa # 16383, L. Morales # 74700, J. Rontondi #11602 ** This job was incomplete and relieved @ 23:00 hrs by O.S. (UG) J. Sorrenti #09296. Sorrenti reports his crews continued washing and removing debris Crews: M. Melendez # 11285, J. Quinn # 50628, R. Hill #14536 This job was incomplete and relieved 10/06/98 @ 07:00 hrs by O.S. J. McCabe. 10-9-98 14:25 Cleanup completed on 10-6-98 at 1330 hours, supervised by J.McCabe 00305. Total of 1250 gallons oily water removed via tanker, 11 55-gal drums hazardous waste generated. EPA#NYP004018560. CrewJ.Pelzer 06470, A.Pizarro 14791, M.Brotko 10504 aand R.Calderon 19847. Tag 10611 removed on 10-9-98 at 1300 hours by P.Rubino 69511. SA98-10700. " "FOUND ON WATER IN THE MANHOLE. 50-499 PPM."

Remarks:

All Materials:

Site ID: 66986
Operable Unit ID: 1065759
Operable Unit: 01
Material ID: 315799
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G
Recovered: .00
Oxygenate: Not reported

H135
ESE
< 1/8
0.110 mi.
583 ft.

**CON EDISON MANHOLE: 39156
E 112TH ST & LEXINGTON AVE
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016970189
NY MANIFEST NYP004438891**

Site 18 of 24 in cluster H

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
17 ft.**

Date form received by agency: 03/10/2014
Facility name: CON EDISON MANHOLE: 39156
Facility address: E 112TH ST & LEXINGTON AVE
NE COR
NEW YORK, NY 10029
EPA ID: NYP004438891
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 39156 (Continued)

1016970189

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: 02/10/2014
Site name: CON EDISON MANHOLE: 39156
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004438891
Facility Status: Not reported
Location Address 1: NEC E 112TH LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004438891
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 39156 (Continued)

1016970189

Generator Ship Date: 02/10/2014
Trans1 Recv Date: 02/10/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/11/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004438891
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002330289GBF
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: Y
Manifest Ref Number: Not reported
Alt Facility RCRA ID: NJD991291105
Alt Facility Sign Date: 11-Feb-2014 00:00:00
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: 8000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

I136
NW
< 1/8
0.112 mi.
590 ft.

CON EDISON SERVICE BOX: 18496
10 W 112TH ST
NEW YORK, NY 10029
Site 16 of 26 in cluster I

RCRA NonGen / NLR 1016451073
NY MANIFEST NYP004301115

Relative:
Higher

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 05/12/2013
Facility name: CON EDISON SERVICE BOX: 18496
Facility address: 10 W 112TH ST
NEW YORK, NY 10029
EPA ID: NYP004301115

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18496 (Continued)

1016451073

Contact: JUAN RODRIGUEZ
Contact address: Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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: 04/12/2013
Site name: CON EDISON SERVICE BOX: 18496
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301115
Facility Status: Not reported
Location Address 1: 10 W 112TH ST
Code: BP
Location Address 2: SERV BOX 18496
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301115
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18496 (Continued)

1016451073

Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/12/2013
Trans1 Recv Date: 04/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301115
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708408JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

I137
WNW
< 1/8
0.113 mi.
597 ft.
PARKWEST CLEANERS
2 W 111TH ST
NEW YORK, NY 10026
Site 17 of 26 in cluster I

EDR Hist Cleaner **1020059329**
N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
19 ft.

Year: Name:
2003 PARKWEST CLEANERS
2004 PARKWEST CLEANERS
2005 PARKWEST CLEANERS
2006 PARKWEST CLEANERS
2007 PARKWEST CLEANERS
2008 PARKWEST CLEANERS

Type:
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs
Drycleaning Plants, Except Rugs

H138
ESE
< 1/8
0.114 mi.
600 ft.
CON EDISON
151 E 112 ST
NEW YORK, NY 10029
Site 19 of 24 in cluster H

NY MANIFEST **S117317104**
N/A

Relative:
Lower

NY MANIFEST:

Actual:
17 ft.

Country: USA
EPA ID: NYP004644514
Facility Status: Not reported
Location Address 1: 151 E 112 ST
Code: BP
Location Address 2: SB18522
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004644514
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/01/2014
Trans1 Recv Date: 09/01/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317104

Part B Recv Date: Not reported
Generator EPA ID: NYP004644514
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002609049GBF
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

J139
SE
< 1/8
0.114 mi.
601 ft.

**NYCT (ON 6 LINE)
1774 LEXINGTON AVE
MANHATTAN, NY**

Site 3 of 22 in cluster J

**NY Spills S121118738
N/A**

**Relative:
Lower
Actual:
15 ft.**

SPILLS:
Facility ID: 1705674
Facility Type: ER
Spill Number: 1705674
DER Facility ID: 512479
Site ID: 558971
DEC Region: 2
Closed Date: Not reported
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 3101

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCT (ON 6 LINE) (Continued)

S121118738

Spill Date: 2017-06-29
Investigator: AAOLIGA
Referred To: Not reported
Reported to Dept: 2017-09-08
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: 1
Date Entered In Computer: 2017-09-08
Spill Record Last Update: 2017-10-16
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: MICHAEL MANDAC
DEC Memo: "9/8/17 - Obligado - I received an email from NYCT Mike Mandac indicating that NYCT has been cleaning up an on-going spill at a subway station affecting both the station and the tracks since 2014 without notifying NYCT System Safety. AS such no spill was previously reported to NYSDEC. The spill is on the southbound platform. Reportedly the intrusion occurs during the summer and the MOW track guys had to respond to oil on the tracks. Michael Mandac will submit a summary letter next week. 9/13/17 - Obligado - On 06?29?17, OSS received a spill call from OSS?Investigations regarding a spill of oil onto the subway tracks from the platform. The location of the incident was 110th Street and Lexington Avenue (6 Line) on the southbound platform, track marker 195+25. (Working on getting a map of the station.) OSS received a subsequent email from MOW Engineering with pictures and the incident report of oil on the station platform and tracks. I requested additional information from station maintenance and station environment. I received a series of incident reports from station environment dating back to 6/19/13, where it appears a portion of the ceiling and wall tiles were removed for engineers (but no mention of oil). The initial report (that I received from MOW Engineering) indicates that a spill was first noticed in 2014, but I was not able to obtain any incident report from 2014. Subsequent reports indicate that tar coming out from wall to the platform unsafe on 6/5/16, tar coming to platform from wall, people steps walk to the platform requesting to cover the area on 6/29/16, and water leaking from wall also tar substance on 7/5/16. Latest report is dated 06?29?17 with oil leaking from the platform onto the subway tracks, which was cleaned up by in?house staff. June 2017 incident report states that the source of oil is from 1774 Lexington Avenue. I m not sure how this was determined or if this is just a theory. I looked through DOB and DEP records, I was able to determine that building does have a #2 fuel oil boiler. I suppose it is possible that it could be the source of the oil but I m not willing to say yes or no either way. Mike asked if I would like to schedule a Site Inspection and I replied yes. I asked that he provide the as builts as soon as possible so I could track down the source. 9/15/17 Obligado - I inspected the adjacent building at 1774

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCT (ON 6 LINE) (Continued)

S121118738

Lexington. The remote fill is located adjacent to the subway seep. I met with the Super and the Building Manager (Mike Guevara, who is the son of the owner Louis Guevara) . The Super confirmed that they had a leak in the remote fill port. He showed me the fill port. The fill port piping was located in a basement stairway hatch. Black staining was evident along the pipe and the walls of the vault. The floor was covered with plywood and it was not possible to see the condition of the floor underneath. The building Manager confirmed that a plumber is coming to fix the line. I told him that hiring a plumber to repair the line was not sufficient, that they had a spill form the line which appeared to enter the subway and they need to expose the line under the sidewalk, excavate and remove any contaminated soil and properly dispose of it and collect endpoint samples, then repair the line. They would also need to assess the floor condition under the plywood below the stairwell. They would need to use a oil spill response/remediation contractor to perform these tasks. I provided the building manager the standard NYC PIN Contractor list via email upon returning to the office. I also sent to Lexington North Realty LTD a contaminated soil letter requiring the above and also notifying them that the a a Responsible Party for the spill to the subway with would need to be cleaned up with access approval by NYCT System Safety. 9/18/17 - Obligado - I spoke to Mike Guevara on the phone. He said they are in the process of procuring a contractor. He will contact me when they choose the contractor. 9/20/17 - Obligado - Mr. Guevara provided a copy of the last delivery receipt for 735 gallons of dyed #2 heating oil on 7/12/17. 9/20/17 - Obligado - I inspected the seep location again with Mike Mandac and NYCT maintenance staff. They removed the barrier and significant oil staining was observed seeping out of the wall. the oil appeared to be a heavy oil, like a #4 or a #6. The concrete behind the tile had been chipped out. Oil appeared to have been seeping through a conduit hole. The oil on the wall did not appear to be actively seeping. The oil had caked to the wall and solidified. Mike Mandac collected a sample for fingerprint analysis. There was also oil on the track. I sent an email to Mike Mandac after the meeting. Thanks for meeting me at the site today to show me the oil seep. As we observed, and as is evident from the below picture, the oil appears to be a heavier residual oil like a #4 or #6, however I will await the results of your fingerprint analysis to confirm this. According to the owner of the adjacent 1774 Lexington, which had the leaking fill, they have been burning #2 heating oil for 40 years. They also just provided me a delivery receipt for their last delivery in July of 735 gallons of dyed #2 Heating Oil. DEC PBS records show their tank has stored #2 fuel oil since at least as far back as 2006, and either #1, #2 or #4 oil as far back as 1992. So right now we still do not have a confirmed RP for this spill and I am continuing to investigate potential sources. In the meantime please confirm whether or not NYCT plans on performing the oil clean-up of the platform wall and the subway track. Also, the oil seems to be following a preferential pathway along with the steel conduit in the below photo. Could you try and find out what that conduit is for and where it goes. If we could trace the path of the conduit perhaps it could help determine where the oil is coming from. 9/21/17 - Obligado - I inspected a near by NYCHA apartment building with an open spill # located at 1480 Park Ave. Yelena provided recent groundwater results. One well, MW3 had a sheen. 3 wells, which are in between the tank field and the oil seep did not contain any product. This suggests the oil did not migrate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCT (ON 6 LINE) (Continued)

S121118738

from this site to the seep location. Also, the NYCHA building has not stored #6 oil since at least 1998. The building now runs on gas with a #2 heating oil back up UST. This site does not appear to be the source of the spill to the subway. 9/26/17 - Obligado - I inspected P.S. 101 School located on 141 E. 111th Street. I met Munendra Sharma of NYCDOE Fuel Division. We were escorted to the former tank room by the super. The #6 oil tanks were removed in 2014 when the building converted to gas. The former tank vaults were very clean. No evidence of any spills. We inspected the oil fill lines where they entered the building, which were also clean with no evidence of spillage. I did not observe any sumps in the basement. Based on my visual inspection, this site does not appear to be the source of the spill based on visual observation. I called Riteway to confirm whether or not they had been retained by Lexington North Realty to perform the remote fill work. Riteway said they provided a proposal, which has not been signed yet. Anthony would call me back. I also inspected a church at 132 EAST 111TH STREET which was registered with a 2500 gallon #2 heating oil AST. I did not observe any evidence of oil spillage at the tank vault or at the fill which entered directly into the side of the building (no underground line). This site does not appear to be the source of the spill based on visual observations. 9/27/17 - Obligado - I inspected 1800 Lexington which was listed as having a 1500 gallon #4 heating oil tank. I met with the building maintenance and he said he doesn't have number #4 but rather #2. I told him the registration needs to be updated and displayed in the tank room. Also they need to show the fuel type on the tank and color code the fill port. I did not observe any significant oil spillage in the basement. The super emailed me delivery records going back to 1/2015 showing the building used #2 fuel oil. I replied back inquiring when exactly the building converted to #2 from #4. I contacted Mr. Guevara at 1774 Lex to inquire what the status of the fill line clean-up is. He said he will sign the contract with Riteway today and Riteway will contact me once the work is scheduled. I also asked him to provide more delivery records. 9/28/17 - Obligado - I emailed NYCT System Safety Michael Mandac to try and get the 110th Street Station System drawings. These drawings are necessary for the NYSDEC to determine the source of the oil. 10/6/17 - Obligado - I inspected the 1774 Lexington Avenue stairwell again after it had been cleaned and epoxy painted. Upon close inspection I observed a heavy oil seeping through the stairwell wall on the sidewalk side of the stairwell below the former remote fill area. Based on this inspection, I confirmed that 1774 is the source of the oil seep. there appears to be oil saturated soil in between the stairwell wall and the subway wall. The oil is seeping both into the stairwell and into the subway. 10/11/17 - Obligado - I sent a Stipulation Agreement and Corrective Action Plan to Lexington North Realty. I emailed copy to Mike Guevara (son of owner). The original sent via certified mail to address on PBS registration with receipt #70160750000112261632. Due date for Signature is October 30, 2017. Corrective Action Plan requires submission of RAWP within 30 days of the effective date. 10/16/17 - Obligado - Per USPS the item was delivered at 12:37 pm on October 14, 2017 in BAYSIDE, NY 11361. "

Remarks:

"The spill seems to be from a private property and it is on concrete ,rail road , not resources affected. Andre Obligado is an engineer from remediation dept region 2 . the initial cleanup has been completed."

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCT (ON 6 LINE) (Continued)

S121118738

All Materials:

Site ID: 558971
Operable Unit ID: 1306972
Operable Unit: 01
Material ID: 2313824
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: Not reported
Oxygenate: Not reported

J140
SE
< 1/8
0.114 mi.
601 ft.

LEXINGTON NORTH REALTY, LTD.
1774 LEXINGTON AVE
NEW YORK, NY 10029

NY AST A100157594
N/A

Site 4 of 22 in cluster J

Relative:
Lower
Actual:
15 ft.

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-406791
Program Type: PBS
UTM X: 589095.33233
UTM Y: 4516550.70047
Expiration Date: 10/08/2019
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 19666
Affiliation Type: Facility Owner
Company Name: LEXINGTON NORTH REALTY LTD.
Contact Type: PRESIDENT
Contact Name: LUIS GUEVARA
Address1: P.O. BOX 610484
Address2: Not reported
City: BAYSIDE
State: NY
Zip Code: 11361
Country Code: 001
Phone: (718) 321-1088
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-04-25

Site Id: 19666
Affiliation Type: Mail Contact
Company Name: LEXINGTON NORTH REALTY LTD
Contact Type: Not reported
Contact Name: LUIS GUEVARA
Address1: P.O. BOX 610484
Address2: Not reported
City: BAYSIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEXINGTON NORTH REALTY, LTD. (Continued)

A100157594

State: NY
Zip Code: 11361
Country Code: 001
Phone: (718) 321-1088
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19666
Affiliation Type: Facility Operator
Company Name: LEXINGTON NORTH REALTY, LTD.
Contact Type: Not reported
Contact Name: LUIS GUEVARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 321-1088
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-04-25

Site Id: 19666
Affiliation Type: Emergency Contact
Company Name: LEXINGTON NORTH REALTY LTD.
Contact Type: Not reported
Contact Name: LUIS GUEVARA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 321-1088
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-04-25

Tank Info:

Tank Number: 001
Tank Id: 23170
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEXINGTON NORTH REALTY, LTD. (Continued)

A100157594

I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/1965
Capacity Gallons: 1500
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: #2 fuel oil (on-site consumption)

J141
SE
< 1/8
0.114 mi.
601 ft.

**CON EDISON SERVICE BOX: 39140
1774 LEXINGTON AVE
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016451104
NY MANIFEST NYP004301438**

Site 5 of 22 in cluster J

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
15 ft.**

Date form received by agency: 05/15/2013
Facility name: CON EDISON SERVICE BOX: 39140
Facility address: 1774 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004301438
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39140 (Continued)

1016451104

Used oil transporter: No

Historical Generators:

Date form received by agency: 04/15/2013

Site name: CON EDISON SERVICE BOX: 39140

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301438
Facility Status: Not reported
Location Address 1: 1774 LEXINGTON AVE
Code: BP
Location Address 2: SERV BOX 39140
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301438
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301438
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708441JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39140 (Continued)

1016451104

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: 600
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

N142
NNW
< 1/8
0.116 mi.
610 ft.

CON EDISON SERVICE BOX: 34111
1367 5TH AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST
1016968595
NYP004422192

Site 1 of 4 in cluster N

Relative:
Higher

RCRA NonGen / NLR:

Actual:
20 ft.

Date form received by agency: 02/19/2014
Facility name: CON EDISON SERVICE BOX: 34111
Facility address: 1367 5TH AVE
NEW YORK, NY 10029
EPA ID: NYP004422192
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 34111 (Continued)

1016968595

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: 01/19/2014
Site name: CON EDISON SERVICE BOX: 34111
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004422192
Facility Status: Not reported
Location Address 1: F/O 1367 5TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004422192
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 01/19/2014
Trans1 Recv Date: 01/19/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 34111 (Continued)

1016968595

Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/22/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004422192
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002329190GBF
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: 300
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

N143
NNW
< 1/8
0.116 mi.
610 ft.
TAFT HOUSES
1367 FIFTH AVENUE
NEW YORK, NY 10029
Site 2 of 4 in cluster N

NY UST **U001840097**
NY AST **N/A**

Relative: UST:
Higher Id/Status: 2-357820 / Active
Actual: Program Type: PBS
20 ft. Region: STATE
DEC Region: 2
Expiration Date: 07/21/2019
UTM X: 588835.37054
UTM Y: 4516956.40609

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id: 17929
Affiliation Type: Facility Operator
Company Name: ENGINE COMPANY 58
Contact Type: Not reported
Contact Name: VINCENT FIORE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 570-4258
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2016-09-15

Site Id: 17929
Affiliation Type: Mail Contact
Company Name: FIRE DEPARTMENT FACILITIES
Contact Type: Not reported
Contact Name: ASST COMM JR JOSEPH M. MASTROPIETRO
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6510
EMail: MASTROJ@FDNY.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-01-22

Site Id: 17929
Affiliation Type: Emergency Contact
Company Name: FIRE DEPARTMENT
Contact Type: Not reported
Contact Name: EOC/NOTIFICATION DESK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 999-7900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-01-19

Site Id: 17929
Affiliation Type: Facility Owner
Company Name: FDNY
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

Contact Name: Not reported
Address1: 9 METROTECH CENTER
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11201
Country Code: 001
Phone: (718) 999-7900
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2016-09-15

Tank Info:

Tank Number: 002
Tank ID: 35188
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 03/01/1960
Date Tank Closed: 01/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

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:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser
G07 - Tank Secondary Containment - Excavation Liner
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None

Tank Number: 003
Tank ID: 52591
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1997
Date Tank Closed: 01/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

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:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 52592
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 600
Install Date: 01/01/1997
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
H05 - Tank Leak Detection - In-Tank System (ATG)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

Tank Number: 1
Tank ID: 56269
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 30000
Install Date: 07/01/1998
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:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
F05 - Pipe External Protection - Jacketed
E04 - Piping Secondary Containment - Double walled UG
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: OLD 1
Tank ID: 37728
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 40000
Install Date: 12/01/1980
Date Tank Closed: 06/01/1998
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

Equipment Records:

D00 - Pipe Type - No Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: OLD 2
Tank ID: 37729
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 26000
Install Date: 12/01/1965
Date Tank Closed: 06/01/1998
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
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
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None

Tank Number: OLD 3
Tank ID: 67561
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 26000
Install Date: Not reported
Date Tank Closed: 06/01/1998
Registered: True
Tank Location: Underground
Tank Type: Z
Material Code: ZZZZ
Common Name of Substance: Invalid Material - Please Fix

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

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:

J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Affiliation Records:

Site Id: 20965
Affiliation Type: Emergency Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: EMERGENCY SERVICES DEPT.
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: NRLOMBAR
Date Last Modified: 2008-12-31

Site Id: 20965
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

Site Id: 20965
Affiliation Type: Facility Operator
Company Name: TAFT HOUSES
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

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: 2014-02-25

Site Id: 20965
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: 002
Tank ID: 35188
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 03/01/1960
Date Tank Closed: 01/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

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:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

G07 - Tank Secondary Containment - Excavation Liner
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None

Tank Number: 003
Tank ID: 52591
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 01/01/1997
Date Tank Closed: 01/01/1997
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:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 52592
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 600
Install Date: 01/01/1997
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 1
Tank ID: 56269
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 30000
Install Date: 07/01/1998
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:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
F05 - Pipe External Protection - Jacketed
E04 - Piping Secondary Containment - Double walled UG
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: OLD 1
Tank ID: 37728

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 40000
Install Date: 12/01/1980
Date Tank Closed: 06/01/1998
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: OLD 2
Tank ID: 37729
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 26000
Install Date: 12/01/1965
Date Tank Closed: 06/01/1998
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
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

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None

Tank Number: OLD 3
Tank ID: 67561
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 26000
Install Date: Not reported
Date Tank Closed: 06/01/1998
Registered: True
Tank Location: Underground
Tank Type: Z
Material Code: ZZZZ
Common Name of Substance: Invalid Material - Please Fix

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:

J00 - Dispenser - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-357820
Program Type: PBS
UTM X: 588835.37054
UTM Y: 4516956.40609
Expiration Date: 07/21/2019
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id: 17929
Affiliation Type: Facility Operator
Company Name: ENGINE COMPANY 58
Contact Type: Not reported
Contact Name: VINCENT FIORE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

Phone: (212) 570-4258
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2016-09-15

Site Id: 17929
Affiliation Type: Mail Contact
Company Name: FIRE DEPARTMENT FACILITIES
Contact Type: Not reported
Contact Name: ASST COMM R JOSEPH M. MASTROPIETRO
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6510
EMail: MASTROJ@FDNY.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-01-22

Site Id: 17929
Affiliation Type: Emergency Contact
Company Name: FIRE DEPARTMENT
Contact Type: Not reported
Contact Name: EOC/NOTIFICATION DESK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 999-7900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-01-19

Site Id: 17929
Affiliation Type: Facility Owner
Company Name: FDNY
Contact Type: Not reported
Contact Name: Not reported
Address1: 9 METROTECH CENTER
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11201
Country Code: 001
Phone: (718) 999-7900
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2016-09-15

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAFT HOUSES (Continued)

U001840097

Tank Info:

Tank Number: 001
Tank Id: 35187
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J00 - Dispenser - None
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 03/01/1960
Capacity Gallons: 3000
Tightness Test Method: 21
Date Test: 02/08/2007
Next Test Date: Not reported
Date Tank Closed: 06/27/2008
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

N144
NNW
< 1/8
0.116 mi.
610 ft.

**ENGINE CO. 058/LADD. CO. 26 FDNY -DDC
1367 5TH AVENUE
MANHATTAN, NY**

**NY Spills S104503202
N/A**

Site 3 of 4 in cluster N

**Relative:
Higher**

**Actual:
20 ft.**

SPILLS:

Facility ID: 9702345
Facility Type: ER
Spill Number: 9702345
DER Facility ID: 271364
Site ID: 190797
DEC Region: 2
Closed Date: Not reported
Spill Cause: Equipment Failure
Spill Class: B4
SWIS: 3101
Spill Date: 1997-05-23
Investigator: ADZHITOM
Referred To: FREE PHASE SYSTEM REQUIRED
Reported to Dept: 1997-05-23
CID: 365

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 058/LADD. CO. 26 FDNY -DDC (Continued)

S104503202

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: 5
Date Entered In Computer: 1997-05-23
Spill Record Last Update: 2017-08-18
Spiller Name: TONY MORINO - NYC DDC
Spiller Company: ENGINE CO 58/LADDER CO 26
Spiller Address: 1367 5TH AV
Spiller Company: 001
Contact Name: TONY MORINO - NYC DDC
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY 1/13/2006 Reviewed free product recovery data. The site has a free product plume. Source is still unknown. Consultants are trying to determine a source prior to recommending a remedial strategy. IRM is implemented but has not been very successful. The permanent system is required. AZ 4/17/2006 Contacted John Busse (URS) and reviewed submitted Proposed Remedial Strategy for Free Product Recovery Only. The site has a free phase plume. URS initially proposed an extractive bioventing system, a groundwater extraction system and a free product recovery system. But the plan, which was approved by DEC, was never implemented the only feasible location for the treatment system was area which is owned by the New York City Housing Authority, and NYCHA would not grant the necessary permission. In November 2006 URS submitted a report which proposed weekly site visits to the site to recover free product and evaluate the results in three months. If this approach is not effective URS will submit to the DEC a DAR for a permanent free product recovery system. On 4/17/2006 John Busse stated that URS will submit to the DEC a plan for the permanent system soon. I stated that, under the existing conditions, free product plume should be addressed immediately and dissolved phase contamination and soil contamination plumes could be assessed later. AZ 6/7/2006 Reviewed a Design Analysis Report for the above referenced site submitted on May 1, 2006. The report states that based on the site monitoring data, free product was detected in MW-11, MW-13 and MW-18. URS proposed to install free product skimmer pumps in these wells. This proposal was approved. The effectiveness of free product recovery system performance should be evaluated in a quarter. A monitoring plan should be implemented. AZ 1/23/2007 At the meeting with DDC/URS on January 10, 2007, the site was discussed. Jane Staten informed that URS performs weekly free product recovery - a few gallons of product are recovered each time. Specs and drawings are being prepared. A contract will be bid in February 2007. AZ 8-13-2007 Reviewed Free Product Recovery Data Report dated April 25, 2007. The report stated that free product thickness ranged from 0.14' to 2.69' in MW-13. Manual bailing has had little impact on product levels. A permanent recovery system will be installed and operational by the end of summer 2007. AZ 2-20-2008 Reviewed Free Product Recovery Data through October 2007 submitted in November 2007. The Report stated that to date the effort to remove free product from wells MW-11, MW-13 and MW-18 has had little to no impact on product levels. The free product

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 058/LADD. CO. 26 FDNY -DDC (Continued)

S104503202

thickness ranged from 0.59' in MW-18 to 0.82' in MW-13. The report stated that the free product recovery system should be operational by the end of 2007. An e-mail was sent to DDC/URS: ...The report stated that the permanent free product recovery system should be operational by the end of 2007. The previous report dated April 2007 stated that the system will be installed and operational by the end of summer 2007. However, the system has yet to be installed. DEC requests that the permanent free product recovery system should be installed without delay. Several monitoring wells should be installed on Fifth Avenue west of monitoring wells MW-13, MW-18 and MW-11 to delineate the free phase plume. Site wells which do not contain free product should be sampled for dissolved VOCs and SVOCS. AZ 3-5-2008 Discussed the site with Jane Staten: two additional wells should be installed between MW-14 and WM-15 if utilities and structures allow. All wells should be gaged. AZ 8-13-2008 Reviewed Summary of Well Installation and Latest Groundwater Results. dated 6/11/2008. Wells MW-22 and MW-23 were installed across the street from EC 58. There is no dissolved groundwater contamination at the site. Wells MW-11, MW-13, and MW-18 contain free product. Franklin is currently constructing the product recovery system at the site. It is anticipated, according to URS, that the system will be operational by the end of June 2008. Three product recovery wells were installed at the locations of the wells that historically exhibited free product, including MW-11, MW-13, and MW-18. URS does not anticipate visiting the site to collect gw samples or gauge wells. I requested, via e-mail, that semi-annual site-wide free product gauging and groundwater sampling be performed to monitor site conditions and off-site plume migration. The results of monitoring and sampling should be included in the remediation system performance reports. 1-8-2009 Reviewed System Performance Monitoring data for July-October 2008. Franklin constructed the product recovery system that consisted of PetroXtractor oil skimmer pump installed in three wells. On July 25, 2008, URS re-installed well RW-02 (MW-13). On July 25, 2008, system began operating. After one week of operation, no product was detected in any recovery wells. 2 gallons of product was recovered from wells RW-01 and RW-03. URS recommended that the system be shut down temporarily. URS will gauge the wells monthly and if product is detected will resume system operation. AZ 5-19-09 Reviewed System Performance Monitoring data for November 2008 - February 2009. On January 31, 2009 the system began operating; however, the motors failed in two wells. Franklin has ordered new motors. Currently, only well RW-03 is exhibiting free product. AZ 1-6-09 Reviewed System Performance Monitoring data for November 2008 - February 2009. PetroXtractor oil skimmer pumps are installed in 3 three recovery wells RW-1 (formerly MW-11), RW-2(MW-13), RW-3(MW-18). On April 29, 09, Franklin operated W-1 and RW-2 every other week, RW-3 was operated continuously. All pumps were operated continuously beginning June 2009. AZ 2-9-2010 Reviewed System Performance Monitoring data for June - August 2009. No product was measured during this monitoring period. AZ 3-22-2010 Reviewed System Performance Monitoring data for September - November 2009. On September 9, 09 032 feet of product was detected in MW-8 which is located about 40 feet sidegradient of the extraction wells. Vacuum truck visited the site on September 17, 09. MW-8 exhibited free product of five occasions between 2001 and 2002 with measurements ranging from a sheen to 2.6'. AZ 6-30-2010 Reviewed System Performance Monitoring data for December 2009 - February 2010.

Map ID
Direction
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Elevation

MAP FINDINGS

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EDR ID Number
EPA ID Number

ENGINE CO. 058/LADD. CO. 26 FDNY -DDC (Continued)

S104503202

Product was measured in RW-01 on January 13, 2010 (0.19'). Product is consistently detected in the holding tank for RW-1. Also product was detected in holding tank for RW-02. AZ 5-5-2011 An e-mail was sent to M. Abzagh, K. Shenahan and V. Brevdo: Dear Kevin, I have reviewed a Remediation Monitoring Data Report for the period of November 2010 through January 2011 and dated March 22, 2011. The report indicates that free product thickness has significantly increased in monitoring well MW-11 from 0.01' to 1.01' (January 10, 2011). URS recommended to collect free product with a vacuum truck. This recommendation is approved. However, URS also recommended dismantling of the existing product recovery system. I disagree with this recommendation. Due to the relatively high amount of free phase detected, the system should be modified or a new system should be installed. As an interim measure, vacuum truck could be utilized for free phase product removal. A source of free phase product should be investigated. A long term remedial strategy should be proposed for the site. URS should perform a field reconnaissance to identify the source of free phase product. Fingerprint analysis of the free product should be performed. A tank inventory should be compiled. A free phase plume map with the direction of groundwater flow should be submitted to DEC. A soil plume map with historical soil analysis should be included in the report. All wells should be monitored for free product quarterly. If there are no downgradient wells at the site, they should be installed. VOCs and SVOCs sampling and analysis could be performed semi-annually. I concur with the URS's proposal to re-sample MW-08 due to the recent detection of product. The presence of free product was previously reported in MW-10 (2.03 feet). This well was destroyed and should be re-installed. AZ 12-14-2011 An email was sent to URS/DDC/V. Brevdo: Dear Kevin, I have reviewed remediation monitoring data for the above site for the period of February 2011 through July 2011 and dated September 21, 2011. The report stated that product was detected in two wells and ranged from 0.01 to 0.76 feet. URS is performing s product removal using a vacuum truck. Groundwater sampling should be performed twice a year from all existing wells. A recovery system exists at the site. URS stated that the system was shut down because of the minimal amount of product recovered and consistent mechanical problems. However, following the shutdown, significant quantities of product in wells were detected. DEC previously requested repair and modification of the system. In order to accelerate removal of free product I reiterate this request to repair and modify the recovery system. AZ 8-9-2012 Reviewed report by URS dated March 26-2012 and received on 5-16-2012. URS stated that there is currently no contractor in line to repair and/or operate the system. Additionally, the past performance of the systems has proven to be ineffective and unreliable. Lacking a better recommendation, in the interim, URS will continue the efforts to collect product either via manual pumping or or with a vacuum truck. There is one closed in-place 550-gallon gasoline tank located beneath the apparatus floor. 0.61' of product was recorded in December 2011. AZ 3-1-2013 Reviewed report by URS dated Sept 26-2012. URS intends to restart one of the product recovery systems. Also, URS will attempt to investigate status and location of the tanks for the Taft Houses of NYC Housing Authority which has apartment buildings located around the engine company building and shares the same address. Also, URS will continue product recovery via manual pumping (twice per month). AZ 10-21-2013 Reviewed remediation monitoring data for the Fourth Quarter 2012 through the First Quarter 2013. Product was detected in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 058/LADD. CO. 26 FDNY -DDC (Continued)

S104503202

two monitoring wells MW-11(RW-01) and MW-18(RW-03). The product thickness ranged from 0.1' TO 0.58'. The total quantity of product removed from these wells during this period was estimated to be 11.5 gallons. The total estimated product collected in 2012 from both wells was 40.5 gallons, significantly higher than the estimated total of 7 gallons collected in 2011. AZ 2-6-2014 Reviewed remediation monitoring data for the Second and Third Quarter 2013. Product was detected in two monitoring wells MW-11(RW-01) and MW-18(RW-03). The product levels in these wells have been decreasing over the last several quarters, showing that the increased frequency of product collection events has improved product recovery. AZ 11-20-2014 Reviewed remediation monitoring data for the Fourth Quarter 2013 and First Quarter 2014. Product was detected in two monitoring wells MW-11(RW-01) and MW-18(RW-03). The product levels ranged from 0.03' to 0.54'. The total quantity of collected product was estimated to be 4.5 gallons. AZ 9-25-2015 Reviewed remediation monitoring data through the Fourth Quarter 2014. Product was detected in two monitoring wells MW-11(RW-01) and MW-18(RW-03). The product levels ranged from 0 to 0.27'. The total quantity of collected product was estimated to be 5.75 gal in 2014. AZ 1-25-2016 Reviewed remediation monitoring data through the First and Second Quarters of 2015. During the period from November 2014 through April 2015, product was not detected in any of the monitoring wells, including MW-11 and MW-10, Where product was most recently detected. petroleum absorbent socks were installed during the October 2014 sampling event in response to decreasing product levels observed in the last several quarters. As of the most recent monitoring event in April 2015, the first socks have not yet been replaced and are both 25% to 50% saturated. AZ 6-22-2016 Reviewed remediation monitoring data through the Third Quarter of 2015. During the period from May 2015 through September 2015, product was not detected in any of the monitoring wells, except MW-11 and MW-18. Product thickness ranged from 0.01' to 0.02' As of the most recent monitoring event in September 2015, the sock in MW-18 was 75% saturated and replaced. AZ 8-19-2016 Reviewed remediation monitoring data through the Fourth Quarter of 2015. During the period from October 2015 through December 2015, product was not detected in any of the monitoring wells, except MW-11 and MW-18. As of the most recent monitoring event in December 2015, the socks were 25-50% saturated and replaced in December 2015. URS has removed the absorbent socks from the wells to observe whether any product will collect in the wells. AZ 8-17-2017 Reviewed remediation monitoring data for the Third the Fourth Quarters of 2016. In the previous monitoring report for this site URS had requested closure of the spill number assigned to the Engine Company 58 site. However, subsequent to that report, product was again detected in two site monitoring wells. URS therefore rescinded the closure request. According to URS as the groundwater elevation increases, residual product is trapped in the formation and becomes immobile due to capillary forces. When the groundwater elevation decreases, trapped product is detected in the wells. From July to December 2016, product thickness ranged from 0.14' to 0.68' in MW-11 and MW-18. AZ "LEAKING UST CAUSED SPILL - THEY JUST GOT LAB RESULTS BACK TODAY TO CONFIRM SPILL OCCURRED - INVESTIGATION & REPORT WILL BE SENT TO DDC - REMEDIATION WILL TAKE PLACE IF NECESSARY. Also see spill # 9704554."

Remarks:

All Materials:

Site ID:

Operable Unit ID:

190797

1045072

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 058/LADD. CO. 26 FDNY -DDC (Continued)

S104503202

Operable Unit: 01
Material ID: 335280
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9704554
Facility Type: ER
Spill Number: 9704554
DER Facility ID: 271364
Site ID: 190798
DEC Region: 2
Closed Date: 2003-10-31
Spill Cause: Human Error
Spill Class: C4
SWIS: 3101
Spill Date: 1997-07-16
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 1997-07-16
CID: 185
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: 1997-07-16
Spill Record Last Update: 2005-01-07
Spiller Name: ENGINE CO OFFICER
Spiller Company: NYC FD
Spiller Address: 1367 5TH AV
Spiller Company: 001
Contact Name: ENGINE CO OFFICER
DEC Memo:

"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY WEISSMAN WAS CONTACTED. 4 STORIES HIGH VENT 40'X40' ON GRASS- DRIVER PUTTING SPEEDY DRY ON GRASS CAME OUT OF DISPENSER IN THE FIRE HOUSE WATER AND FUEL IN THE PIT BY FILL PORT. CAPT. HARTEN RAD.? FUEL SPEWED FROM TOP OF VENT PIPE, CONTAMINATED GRAVEL ON ROOF, SOAKED A TREE, AND LARGE AREA OF SOIL. EASTMONT REMOVED TOP 3-4 INCHES OF CONTAMINATED SOIL AND CONTAM. ROOF GRAVEL, WASHED DOWN TREE. "

Remarks: "FUELD DELIVERY BEING MADE AND TANK OVERFLOWED. Same as spill # 9702345."

All Materials:
Site ID: 190798
Operable Unit ID: 1050424
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE CO. 058/LADD. CO. 26 FDNY -DDC (Continued)

S104503202

Material ID: 558214
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

H145
ESE
< 1/8
0.116 mi.
610 ft.

JOHNSON HOUSES
1809 LEXINGTON AVENUE
NEW YORK, NY 10029

NY UST U004063260
N/A

Site 20 of 24 in cluster H

Relative:
Higher
Actual:
18 ft.

UST:
Id/Status: 2-474967 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 03/28/2019
UTM X: 589185.65486
UTM Y: 4516694.56422
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 20959
Affiliation Type: Facility Operator
Company Name: JOHNSON 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: 2014-02-27

Site Id: 20959
Affiliation Type: Emergency Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: EMERGENCY SERVICES DEPT.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 707-5900
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON HOUSES (Continued)

U004063260

Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-03

Site Id: 20959
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

Site Id: 20959
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: 223025
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 20000
Install Date: 05/15/2008
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON HOUSES (Continued)

U004063260

Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E04 - Piping Secondary Containment - Double walled UG
J02 - Dispenser - Suction Dispenser
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 2
Tank ID: 223026
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 20000
Install Date: 05/15/2008
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
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
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON HOUSES (Continued)

U004063260

Tank Number: OLD 1
Tank ID: 37712
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 40000
Install Date: 10/10/1979
Date Tank Closed: 04/03/2008
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: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

Tank Number: OLD 2
Tank ID: 37713
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 40000
Install Date: 10/10/1979
Date Tank Closed: 04/03/2008
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: 21
Date Test: 08/24/2000
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
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON HOUSES (Continued)

U004063260

J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

H146
ESE
< 1/8
0.116 mi.
610 ft.
Relative:
Higher
Actual:
18 ft.

NYCHA - JOHNSON HOUSES
1809 LEXINGTON AVE
NEW YORK, NY 10029
Site 21 of 24 in cluster H

NY LTANKS
NY Spills
RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1001224127
NYR000053439

LTANKS:

Facility ID: 9504621
Site ID: 94498
Closed Date: 2005-10-25
Spill Number: 9504621
Spill Date: 1995-07-17
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1995-07-17
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: 1995-07-17
Spill Record Last Update: 2005-10-25
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: 304552
DEC Memo: "10/25/05: This spill closed to consolidate with open spill #0306729.
S.Kraszewski"
Remarks: "TANK #001 - COULD NOT MAINTAIN NEGATIVE PRESSURE."

All TTF:

Facility ID: 9504621
Spill Number: 9504621
Spill Tank Test: 1544005
Site ID: 94498

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

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: 94498
Operable Unit ID: 1015544
Operable Unit: 01
Material ID: 366129
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: 9100385
Site ID: 291912
Closed Date: 1995-04-20
Spill Number: 9100385
Spill Date: 1991-04-09
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: 1995-04-20
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1991-04-09
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: 1991-04-17
Spill Record Last Update: 2005-12-23
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: 250 BROADWAY
Spiller County: 001
Spiller Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 304552
DEC Memo: ""
Remarks: "40K TANK,SYSTEM TEST,FAILED HORNER EZY CHECK WITH A GROSS LEAK,WILL EXCAVATE,ISOLATE & RETEST. SEE SPILL # 9402165"

All TTF:

Facility ID: 9100385
Spill Number: 9100385
Spill Tank Test: 1538437
Site ID: 291912
Tank Number: 001
Tank Size: 0
Material: 0002
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: 291912
Operable Unit ID: 953917
Operable Unit: 01
Material ID: 426591
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Facility ID: 9315373
Site ID: 291913
Closed Date: 2005-12-23
Spill Number: 9315373
Spill Date: 1991-03-27
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1994-03-29
CID: Not reported
Water Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

Spill Notifier: DEC
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: 2005-12-23
Spiller Name: Not reported
Spiller Company: NYCHA - JOE MONTELLA
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: 304552
DEC Memo: "12/23/05: This spill transferred from J.Kolleeny to S.Kraszewski.
This spill closed to consolidate with opne spill #0306729. - SK"
Remarks: "LEAK RATE OF -0.1 GPH REPORTED AS PASSED BY TESTER -"

All TTF:

Facility ID: 9315373
Spill Number: 9315373
Spill Tank Test: 1542539
Site ID: 291913
Tank Number: 002
Tank Size: 0
Material: 0002
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: 291913
Operable Unit ID: 997435
Operable Unit: 01
Material ID: 387131
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Facility ID: 9402165
Site ID: 291914

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

Closed Date: 1995-07-17
Spill Number: 9402165
Spill Date: 1993-03-24
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: 1995-07-17
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1994-05-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-08-22
Spill Record Last Update: 2005-12-23
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 Extension: Not reported
DEC Region: 2
DER Facility ID: 304552
DEC Memo: ""
Remarks: "INITIALLY REPORTED AS PASSED. CLOSED OUT-SEE SPILL #9504621
(SUBSEQUENT TANK TEST FAILURE)"

All TTF:

Facility ID: 9402165
Spill Number: 9402165
Spill Tank Test: 1542718
Site ID: 291914
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: 291914
Operable Unit ID: 995830
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

Material ID: 385909
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: 8809431
Site ID: 272946
Closed Date: 1995-04-20
Spill Number: 8809431
Spill Date: 1989-03-06
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: 1995-04-20
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1989-03-07
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: 1989-03-09
Spill Record Last Update: 2005-12-23
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: 250 BROADWAY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 304552
DEC Memo: ""
Remarks: "40K TANK, HORNER-EZY CHEK, LR = -0.242GPH-MONITORING WELL HAS SIGNIF
FREE PRODUCT-FENELY & NICOL TO INSTALL RECOVERY SYSTEM AND OIL-WATER
SEPARATOR NEEDED AT BOILER RM. SEE SPILL # 9315373"

All TTF:

Facility ID: 8809431
Spill Number: 8809431
Spill Tank Test: 1535226
Site ID: 272946
Tank Number: 002
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

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: 272946
Operable Unit ID: 925491
Operable Unit: 01
Material ID: 454169
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

SPILLS:

Facility ID: 0000572
Facility Type: ER
Spill Number: 0000572
DER Facility ID: 304552
Site ID: 289001
DEC Region: 2
Closed Date: 2005-10-25
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 2000-04-14
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 2000-04-14
CID: 398
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Tank Tester
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: 2000-04-14
Spill Record Last Update: 2005-10-25
Spiller Name: ED MALONE
Spiller Company: JOHNSON HOUSINGS
Spiller Address: 1890 LEXINGTON AVE
Spiller Company: 001
Contact Name: ED MALONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

DEC Memo: "10/25/05: This spill closed to consolidate with open spill #0306729.
S.Kraszewski"

Remarks: "ISOLATE AND RETEST."

All TTF:

Facility ID: 0000572
Spill Number: 0000572
Spill Tank Test: 1525486
Site ID: 289001
Tank Number: 2
Tank Size: 40000
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: F
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 289001
Operable Unit ID: 822353
Operable Unit: 01
Material ID: 288816
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: 0306729
Facility Type: ER
Spill Number: 0306729
DER Facility ID: 304552
Site ID: 265756
DEC Region: 2
Closed Date: 2008-09-26
Spill Cause: Unknown
Spill Class: C5
SWIS: 3101
Spill Date: 2003-09-25
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 2003-09-25
CID: 205
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-09-25
Spill Record Last Update: 2008-09-26
Spiller Name: CALLER
Spiller Company: JOHNSON HOUSES
Spiller Address: 1809 LEXINGTON AV
Spiller Company: 001
Contact Name: CALLER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 11/02/05: This spill transferred from J.Kolleeny to S.Kraszewski. 12/23/05: Remedial investigation in 1993 advanced 7 MWs. FRee product encountered in two of the wells. Two recovery systems were installed to pump out the oil/water from the wells. REcords of prduct thickness are given in tables from Feb 1994 to April 1997. Last two dates record zero product in wells. No MW data since 1997 or reports for that matter. Tanks have been removed. - SK 01/27/06: This spill transferred from S.Kraszewski to Q.Abidi. 03/31/06: This spill transferred from Q. Abidi to Koon Tang. 09/25/08: J.Kann - Spill reassigned to J.Kann. Tank Closure work (excavation) performed in April 2008. Report dated July 2008 and prepared by PWGC (631-589-6353) indicated endpoints in northwestern wall contain minimal SVOCs above RSCOs. Groundwater sample did not indicate contamination. Regenox was applied to the excavation groundwater and northwestern wall. Structural limitations prevented further excavation along the northwestern wall. Spill closed based on this report. NFA."
Remarks: "pulled tank and found contamination."

All Materials:

Site ID: 265756
Operable Unit ID: 875486
Operable Unit: 01
Material ID: 562827
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: 0800254
Facility Type: ER
Spill Number: 0800254
DER Facility ID: 304552
Site ID: 395980
DEC Region: 2
Closed Date: 2008-04-08
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 3101
Spill Date: 2008-04-07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

Investigator: jkkann
Referred To: CONSOLIDATED WITH OPEN SPILL 0306729
Reported to Dept: 2008-04-07
CID: 444
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Local Agency
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: 2008-04-07
Spill Record Last Update: 2008-04-08
Spiller Name: FRANK INOA
Spiller Company: NYC HOUSING AUTHORITY FAC
Spiller Address: 1809 LEXINGTON AVE
Spiller Company: 001
Contact Name: FRANK INOA
DEC Memo: "4/8/08- J.kann - Contaminated soils encountered during tank removal activities. Work being performed under consent order. Consolidated with Spill Number 0306729."

Remarks: "HOLES IN TANK AND CONTAMINATED SOIL"

All TTF:

Facility ID: 0800254
Spill Number: 0800254
Spill Tank Test: 2384977
Site ID: 395980
Tank Number: Not reported
Tank Size: 40000
Material: 0003
EPA UST: Not reported
UST: True
Cause: 03
Source: 01
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: 395980
Operable Unit ID: 1152924
Operable Unit: 01
Material ID: 2143694
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: NYCHA - JOHNSON HOUSES
Facility address: 1809 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYR000053439
Mailing address: 49TH AVE
LONG ISLAND CITY, NY 11101-4528
Contact: ANTHONY SOLOMITA
Contact address: 49TH AVE
LONG ISLAND CITY, NY 11101-4528
Contact country: US
Contact telephone: 718-707-5731
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: NYCHA
Owner/operator address: 23-02 49TH AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-707-5731
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: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: NYCHA
Owner/operator address: 23-02 49TH AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-707-5731
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: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: NYCHA
Owner/operator address: 23-02 49TH AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: Not reported
Owner/operator telephone: 718-707-5731
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

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: NYCHA - JOHNSON HOUSES
Classification: Not a generator, verified

Date form received by agency: 07/31/2001
Site name: NYCHA - JOHNSON HOUSES
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: U240
. Waste name: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Date form received by agency: 04/02/1998
Site name: NYCHA - JOHNSON HOUSES
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004542255

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

ECHO:

Envid: 1001224127
Registry ID: 110004542255
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004542255>

NY MANIFEST:

Country: USA
EPA ID: NYR000053439
Facility Status: Not reported
Location Address 1: 1809 LEXINGTON AVEUNE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000053439
Mailing Name: NYCHA - JOHNSON HOUSE
Mailing Contact: JOE LURSKI
Mailing Address 1: 23-02 49TH AVE 5TH FLOOR
Mailing Address 2: TECHNICAL SERVICES DEPT EH&S DIVISION
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10007
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2123063142

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/21/2012
Trans1 Recv Date: 08/21/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/21/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000053439
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010456157JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1001224127

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: 1.0
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 1.0
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
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

[Click this hyperlink](#) while viewing on your computer to access
4 additional NY_MANIFEST: record(s) in the EDR Site Report.

H147
ESE
< 1/8
0.116 mi.
610 ft.
JOHNSON HOUSES
1809 LEXINGTON AVENUE
NEW YORK, NY 10029
Site 22 of 24 in cluster H

NY AST **1000320358**
NY Spills **N/A**

Relative:
Higher
Actual:
18 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-474967
Program Type: PBS
UTM X: 589185.65486
UTM Y: 4516694.56422
Expiration Date: 03/28/2019
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 20959
Affiliation Type: Facility Operator
Company Name: JOHNSON 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON HOUSES (Continued)

1000320358

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-02-27

Site Id: 20959
Affiliation Type: Emergency Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: EMERGENCY SERVICES DEPT.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 707-5900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-03

Site Id: 20959
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

Site Id: 20959
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON HOUSES (Continued)

1000320358

Tank Info:

Tank Number: W/O 1
Tank Id: 208322
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

E07 - Piping Secondary Containment - Trench Liner
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
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
C01 - Pipe Location - Aboveground

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 10/01/2004
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: waste oil/used oil

SPILLS:

Facility ID: 0205660
Facility Type: ER
Spill Number: 0205660
DER Facility ID: 222122
Site ID: 272945
DEC Region: 2
Closed Date: 2003-03-24
Spill Cause: Unknown
Spill Class: C3
SWIS: 3101
Spill Date: 2002-06-11
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2002-08-30
CID: 270
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON HOUSES (Continued)

1000320358

Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2002-08-30
Spill Record Last Update: 2003-05-05
Spiller Name: JOE MILLITANO
Spiller Company: JOHNSON HOUSES
Spiller Address: 1809 LEXINGTON AV
Spiller Company: 001
Contact Name: JOE MILLITANO
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

VOUGHT THIS SPILL IS ACTUALLY AN ONGOING SITUATION INVOLVING A WICKING OIL RECOVERY SYSTEM IN THE BASEMENT SUMP. OIL IN SUMP, POSSIBLY #4 OR #6, IS FROM EARLIER TANK FAILURE(S). NYCHA IS PERFORMING REMEDIATION AS PART OF COMPLIANCE WITH CONSENT ORDER. ON DAY THIS SPILL WAS REPORTED, DENNIS RIDDLE OF NYFD WAS PERFORMING TANK INSPECTION; HE REFUSED TO PASS THE TANKS BECAUSE OF THIS ONGOING SITUATION. THERE WAS NO SPECIFIC SPILL THAT OCCURRED ON THIS OCCASION. JEFFERY VOUGHT AND LATER STEVEN SACCACIO OF DEC RESPONDED. REFER TO OPEN SPILLS 9504621 AND 0000572. OK TO CLOSE THIS ONE. - JK, 5/5/03."

Remarks: "burried tanks are leaking, caller's cell number 646-321-3098; caller req call back."

All Materials:

Site ID: 272945
Operable Unit ID: 857094
Operable Unit: 01
Material ID: 519858
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: 9106694
Facility Type: ER
Spill Number: 9106694
DER Facility ID: 280081
Site ID: 265757
DEC Region: 2
Closed Date: 1993-07-06
Spill Cause: Human Error
Spill Class: C3
SWIS: 3101
Spill Date: 1991-09-20
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1991-09-20
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Affected Persons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON HOUSES (Continued)

1000320358

Cleanup Ceased: 1993-07-06
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1991-09-30
Spill Record Last Update: 1993-12-27
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: ""
Remarks: "TANK SWITCHING ERROR; CONTAINED ALONG CURBSIDE."

All TTF:

Facility ID: 9106694
Spill Number: 9106694
Spill Tank Test: 1539077
Site ID: 265757
Tank Number: Not reported
Tank Size: 0
Material: 0002
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: 265757
Operable Unit ID: 957045
Operable Unit: 01
Material ID: 422383
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H148 **NYC HOUSING AUTH/JOHNSON HOU**
ESE **1809 LEXINGTON AVENUE**
< 1/8 **NEW YORK, NY 10029**
0.116 mi.
610 ft. **Site 23 of 24 in cluster H**

NJ MANIFEST **S117987248**
N/A

Relative:
Higher

Actual:
18 ft.

NJ MANIFEST:
EPA Id: NYR000053439
Mail Address: 250 BROADWAY
Mail City/State/Zip: NEW YORK 10007
Facility Phone: 2123063142
Emergency Phone: Not reported
Contact: PASQUALE J. NERO
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: 010456157JJK
EPA ID: NYR000053439
Date Shipped: 8/21/2012
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC HOUSING AUTH/JOHNSON HOU (Continued)

S117987248

Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK 10007
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 5.00 Cubic Yards

Manifest Year: Not reported
Waste Code: D002
Hand Code: Not reported
Quantity: 55.00 gallons

Manifest Year: Not reported
Waste Code: D001
Hand Code: Not reported
Quantity: 1.00 Cubic Yards

N149
NNW
< 1/8
0.116 mi.
610 ft.

NYCHA - TAFT
1365 5TH AVE
NEW YORK, NY 10029

Site 4 of 4 in cluster N

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1001224093
NYR000053090

Relative:
Higher

Actual:
19 ft.

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: NYCHA - TAFT
Facility address: 1365 5TH AVE
NEW YORK, NY 10029
EPA ID: NYR000053090
Mailing address: BROADWAY
NEW YORK, NY 10007
Contact: FRANK OCELLO
Contact address: BROADWAY
NEW YORK, NY 10007
Contact country: US
Contact telephone: 212-306-3229
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: NYCHA
Owner/operator address: 250 BROADWAY 16TH FLOOR
NEW YORK, NY 10007
Owner/operator country: US
Owner/operator telephone: 212-306-3229
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - TAFT (Continued)

1001224093

Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYCHA
Owner/operator address: 250 BROADWAY 16TH FLOOR
NEW YORK, NY 10007

Owner/operator country: US
Owner/operator telephone: 212-306-3229
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

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: NYCHA - TAFT
Classification: Not a generator, verified

Date form received by agency: 04/02/1998
Site name: NYCHA - TAFT
Classification: Small Quantity Generator

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004541951

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,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - TAFT (Continued)

1001224093

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: 1001224093
Registry ID: 110004541951
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004541951>

NY MANIFEST:

Country: USA
EPA ID: NYR000053090
Facility Status: Not reported
Location Address 1: 1365 5TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000053090
Mailing Name: NYC HOUSING AUTHORITY
Mailing Contact: RAY VELEZ
Mailing Address 1: 250 BROADWAY
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10007
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2123063142

NY MANIFEST:

Document ID: NJA2784420
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: S5811
Trans2 State ID: Not reported
Generator Ship Date: 06/11/1998
Trans1 Recv Date: 06/11/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/11/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000053090
Trans1 EPA ID: NJ0000027193
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - TAFT (Continued)

1001224093

TSD 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:	U240 - 2,4 D,SALTS + ESTERS
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:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**I150
WNW
< 1/8
0.116 mi.
611 ft.**

**EASTMORE CLEANER
1330 5TH AVE
NEW YORK, NY 10026**

**EDR Hist Cleaner 1018557992
N/A**

Site 18 of 26 in cluster I

**Relative:
Higher**

EDR Hist Cleaner

**Actual:
19 ft.**

Year:	Name:	Type:
2007	EASTMORE CLEANER	Laundry And Drycleaner Agents
2008	EASTMORE CLEANER	Laundry And Drycleaner Agents
2009	EASTMORE CLEANER	Laundry And Drycleaner Agents
2010	EASTMORE CLEANER	Laundry And Drycleaner Agents
2011	EASTMORE CLEANER	Laundry And Drycleaner Agents
2012	EASTMORE CLEANER	Laundry And Drycleaner Agents
2013	EASTMORE CLEANER	Laundry And Drycleaner Agents

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1151
NW
< 1/8
0.119 mi.
626 ft.

CON EDISON SERVICE BOX: 18495
18 W 112TH ST
NEW YORK, NY 10029

Site 19 of 26 in cluster I

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1016451074
NYP004301123

Relative:
Higher

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 05/12/2013
Facility name: CON EDISON SERVICE BOX: 18495
Facility address: 18 W 112TH ST
NEW YORK, NY 10029
EPA ID: NYP004301123
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 04/12/2013
Site name: CON EDISON SERVICE BOX: 18495
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110056328399

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18495 (Continued)

1016451074

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016451074
Registry ID: 110056328399
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056328399>

NY MANIFEST:

Country: USA
EPA ID: NYP004301123
Facility Status: Not reported
Location Address 1: 18 W 112TH ST
Code: BP
Location Address 2: SERV BOX 18495
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301123
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/12/2013
Trans1 Recv Date: 04/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301123
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708407JJK
Import Indicator: N
Export Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18495 (Continued)

1016451074

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

152
WNW
< 1/8
0.119 mi.
630 ft.

FRAWLEY PLAZA ASSOCIATION
1295 5TH AVE (1660 MADISON AVE)
NY, NY 10029

NY AST U000398778
N/A

Relative:
Higher
Actual:
19 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-091766
Program Type: PBS
UTM X: 588642.62687
UTM Y: 4516700.02578
Expiration Date: N/A
Site Type: Unknown

Affiliation Records:
Site Id: 2323
Affiliation Type: Facility Owner
Company Name: FRAWLEY PLAZA (SCHOMBURG PLAZA)
Contact Type: Not reported
Contact Name: Not reported
Address1: 1295 5TH AVE
Address2: Not reported
City: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAWLEY PLAZA ASSOCIATION (Continued)

U000398778

State: NY
Zip Code: 10029
Country Code: 001
Phone: (212) 941-9500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 2323
Affiliation Type: Mail Contact
Company Name: BSR MANAGEMENT CORPORATION
Contact Type: Not reported
Contact Name: MICHAEL MANSUETO DBO
Address1: 495 BROADWAY--6TH FLOOR
Address2: Not reported
City: NY
State: NY
Zip Code: 10012
Country Code: 001
Phone: (212) 941-9500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 2323
Affiliation Type: Facility Operator
Company Name: FRAWLEY PLAZA ASSOCIATION
Contact Type: Not reported
Contact Name: JAMES YEARWOOD
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 860-8512
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 2323
Affiliation Type: Emergency Contact
Company Name: FRAWLEY PLAZA (SCHOMBURG PLAZA)
Contact Type: Not reported
Contact Name: BSR MANAGEMENT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 941-9500
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAWLEY PLAZA ASSOCIATION (Continued)

U000398778

Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 11263
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H99 - Tank Leak Detection - Other

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 07/01/1974
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)

Tank Number: 002
Tank Id: 43775
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
H99 - Tank Leak Detection - Other

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 07/01/1974

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRAWLEY PLAZA ASSOCIATION (Continued)

U000398778

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)

**I153
NW
< 1/8
0.120 mi.
635 ft.**

**PS 185
20 WEST 112TH ST
MANHATTAN, NY
Site 20 of 26 in cluster I**

**NY Spills S103828906
N/A**

**Relative:
Higher
Actual:
19 ft.**

SPILLS:
Facility ID: 9814724
Facility Type: ER
Spill Number: 9814724
DER Facility ID: 104765
Site ID: 120675
DEC Region: 2
Closed Date: 1999-03-10
Spill Cause: Human Error
Spill Class: C4
SWIS: 3101
Spill Date: 1999-03-05
Investigator: JXZHAO
Referred To: Not reported
Reported to Dept: 1999-03-10
CID: 207
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: 1999-03-10
Spill Record Last Update: 2003-11-18
Spiller Name: FRANK CARDELLO
Spiller Company: BOARD OF EDUCATION
Spiller Address: 20-11 QUEENS PLZ N
Spiller Company: 001
Contact Name: FRANK CARDELLO
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO "
Remarks: "CUSTODIAN OF THE SCHOOL DIRECTED THE OIL DELIVERY INTO THE WRONG TANK - PRODUCT CAME OUT THE OVERFILL - CLEANED UP ON FRI "

All Materials:
Site ID: 120675
Operable Unit ID: 1072306
Operable Unit: 01
Material ID: 311401

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PS 185 (Continued)

S103828906

Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: 20.00
Oxygenate: Not reported

I154
NW
< 1/8
0.120 mi.
635 ft.

PUBLIC SCHOOL 185 - MANHATTAN M185
20 WEST 112TH STREET
NEW YORK, NY 10026
Site 21 of 26 in cluster I

NY AST U003394209
N/A

Relative:
Higher
Actual:
19 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-354147
Program Type: PBS
UTM X: 588695.65579
UTM Y: 4516914.82388
Expiration Date: 06/28/2018
Site Type: School

Affiliation Records:

Site Id: 17598
Affiliation Type: Mail Contact
Company Name: NYC 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: DAFRANCI
Date Last Modified: 2017-04-26

Site Id: 17598
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: Not reported
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 185 - MANHATTAN M185 (Continued)

U003394209

Fax Number: Not reported
Modified By: HDDUPIGN
Date Last Modified: 2016-04-04

Site Id: 17598
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: MFLEONAR
Date Last Modified: 2017-10-11

Site Id: 17598
Affiliation Type: Facility Operator
Company Name: PUBLIC SCHOOL 185 - MANHATTAN M185
Contact Type: Not reported
Contact Name: LUIS ROSADO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 831-3533
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-01-06

Tank Info:

Tank Number: 001
Tank Id: 34473
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
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
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)
C03 - Pipe Location - Aboveground/Underground Combination

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 185 - MANHATTAN M185 (Continued)

U003394209

Tank Location: J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/24/1968
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: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #4 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 34474
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
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
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/24/1968
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: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #4 fuel oil (on-site consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1155
NW
< 1/8
0.120 mi.
635 ft.

PS 185
20 W 112TH ST
NEW YORK, NY
Site 22 of 26 in cluster I

NY Spills S103828760
N/A

Relative:
Higher

Actual:
19 ft.

SPILLS:

Facility ID: 9814544
Facility Type: ER
Spill Number: 9814544
DER Facility ID: 87352
Site ID: 98139
DEC Region: 2
Closed Date: 1999-03-06
Spill Cause: Human Error
Spill Class: C3
SWIS: 3101
Spill Date: 1999-03-05
Investigator: JMROMMEL
Referred To: Not reported
Reported to Dept: 1999-03-05
CID: 365
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: 1999-03-05
Spill Record Last Update: 2004-01-23
Spiller Name: JOHN CASE
Spiller Company: PS 185
Spiller Address: 20 W 112TH ST
Spiller Company: 001
Contact Name: JOHN CASE
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL SPOKE WITH JANET 20-40 GLS. SPILLS ON THE SIDEWALK- CONTAINED. SCHOOL WILL CLEANUP. CALLED JOHN PS 185. NO ANSWER AT 12:35. less than 20 gallons 6 oil, delivered to wrong tank, spilled on bldg and sidewalk, nothing in school. PTC en route, contracted by BOE. No vapors in school. "

Remarks: "DRIVER WAS INSTRUCTED TO DELIVER TO THE WRONG TANK - SPILL IS CONTAINED ON THE SIDEWALK - THE SCHOOL IS RESPONSIBLE FOR CLEAN UP BUT CASTLE OIL IS STILL SENDING SOMEONE OUT ANYWAY"

All Materials:

Site ID: 98139
Operable Unit ID: 1075588
Operable Unit: 01
Material ID: 311228
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 40.00
Units: G
Recovered: .00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PS 185 (Continued)

S103828760

Oxygenate: Not reported

1156
NW
< 1/8
0.120 mi.
635 ft.

**PUBLIC SCHOOL 208M & 185
20 W 112TH ST
NEW YORK, NY 10026
Site 23 of 26 in cluster I**

**RCRA-LQG 1004757068
FINDS NYD986882405
ECHO
NY MANIFEST**

**Relative:
Higher**

RCRA-LQG:

**Actual:
19 ft.**

Date form received by agency: 02/23/2016
Facility name: PUBLIC SCHOOL 208M & 185
Facility address: 20 W 112TH ST
NEW YORK, NY 10026
EPA ID: NYD986882405
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
Land type: Municipal
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: NYC BD OF ED
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: Not reported
Owner/operator telephone: 718-391-6475
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 DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101
Owner/operator country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 208M & 185 (Continued)

1004757068

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: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: NYC DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101

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: 01/01/1900
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

Historical Generators:

Date form received by agency: 11/26/2013
Site name: NYC DEPT OF EDUCATION - PS 185M
Classification: Small Quantity Generator

. Waste code: B004
. Waste name: B004

. Waste code: B007
. Waste name: B007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 208M & 185 (Continued)

1004757068

Date form received by agency: 01/01/2007
Site name: NYC BD OF ED - PUBLIC SCHOOL 185 & 208
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: NYC BD OF ED - PUBLIC SCHOOL 185 & 208
Classification: Not a generator, verified

Date form received by agency: 12/31/1997
Site name: NYC BD OF ED - PUBLIC SCHOOL 185 & 208
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/15/2016
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004438984

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.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 208M & 185 (Continued)

1004757068

ECHO:

Envid: 1004757068
Registry ID: 110004438984
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004438984>

NY MANIFEST:

Country: USA
EPA ID: NYD986882405
Facility Status: Not reported
Location Address 1: 20 W 112TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD986882405
Mailing Name: NYC BOE - PUBLIC SCHOOL 208M &185
Mailing Contact: NYC BOARD OF EDUCATION
Mailing Address 1: 28-11 QUEENS PLAZA NORTH
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: 7183495660

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD080631369
Trans2 State ID: NJD054126164
Generator Ship Date: 05/08/2015
Trans1 Recv Date: 05/08/2015
Trans2 Recv Date: 05/19/2015
TSD Site Recv Date: 05/20/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986882405
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: MAC300017498
TSDF ID 2: Not reported
Manifest Tracking Number: 000787673VES
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: Y
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 208M & 185 (Continued)

1004757068

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: 2399
Units: K - Kilograms (2.2 pounds)
Number of Containers: 9
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

[Click this hyperlink](#) while viewing on your computer to access
14 additional NY_MANIFEST: record(s) in the EDR Site Report.

O157
SW
< 1/8
0.120 mi.
636 ft.

CON EDISON - SERVICE BOX 18115
24 EAST 109TH STREET
NEW YORK, NY 10029
Site 1 of 9 in cluster O

RCRA-LQG **1012186188**
NY MANIFEST **NYP004170262**
NJ MANIFEST

Relative:
Lower

RCRA-LQG:

Actual:
17 ft.

Date form received by agency: 03/23/2010
Facility name: CON EDISON - SERVICE BOX 18115
Facility address: 24 EAST 109TH STREET
NEW YORK, NY 10029
EPA ID: NYP004170262
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: FRANKLYN MURRAY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-2808
Contact email: MURRAYFR@CONED.COM
EPA Region: 02
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18115 (Continued)

1012186188

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: 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: 05/20/2009
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: Owner
Owner/Op start date: 05/20/2009
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: 05/20/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18115 (Continued)

1012186188

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004170262
Facility Status: Not reported
Location Address 1: 24 EAST 109TH STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004170262
Mailing Name: CONSOLIDATED EDISON SB18115
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PL 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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/20/2009
Trans1 Recv Date: 05/20/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/22/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004170262
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 003534297JJK
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: H111

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18115 (Continued)

1012186188

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:	3000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id:	NYP004170262
Mail Address:	4 IRVING PLACE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	FRANKLYN MURRAY
Comments:	Not reported
SIC Code:	Not reported
County:	NY061
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSD Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	003534297JJK
EPA ID:	NYP004170262
Date Shipped:	05/20/2009
TSD 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:	05/20/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 18115 (Continued)

1012186188

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: 05/22/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 3000 P

**M158
SE
< 1/8
0.121 mi.
641 ft.**

**CHIPS CLEANERS
1787 LEXINGTON AVE
NEW YORK, NY 10029**

**NY DRYCLEANERS S109527350
N/A**

Site 11 of 16 in cluster M

Relative: DRYCLEANERS:
Lower Facility ID: 2-6204-01614
Phone Number: 212-987-2979
Actual: Region: Not reported
15 ft. Registration Effective Date: 7/31/2008
Inspection Date: 08JUN5
Install Date: 08
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF2000
Current Business: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1159
WNW
< 1/8
0.122 mi.
644 ft.
NEW WEST APARTMENTS
16-22 WEST 111 ST
NEW YORK, NY 10026
Site 24 of 26 in cluster I

NY AST **A100359418**
N/A

Relative:
Higher

Actual:
19 ft.

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-611670
Program Type: PBS
UTM X: 588631.74999
UTM Y: 4516826.55634
Expiration Date: 09/01/2016
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 454845
Affiliation Type: Facility Owner
Company Name: TAHL PROP MANHATTAN NORTH
Contact Type: AGENT
Contact Name: DENNIS OVALLE
Address1: 405 PARK AVE SUITE 1103
Address2: Not reported
City: NY
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 421-1117
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-12-19

Site Id: 454845
Affiliation Type: Facility Operator
Company Name: NEW WEST APARTMENTS
Contact Type: Not reported
Contact Name: GEORGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (646) 739-9887
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-12-19

Site Id: 454845
Affiliation Type: Emergency Contact
Company Name: TAHL PROP MANHATTAN NORTH
Contact Type: Not reported
Contact Name: DENNIS OVALE
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW WEST APARTMENTS (Continued)

A100359418

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 731-0775
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-12-19

Site Id: 454845
Affiliation Type: Mail Contact
Company Name: MANHATTAN NORTH MGMT
Contact Type: Not reported
Contact Name: DENNIS OVALLE
Address1: 107-129 EAST 126TH ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10035
Country Code: 001
Phone: (212) 996-0200
EMail: DOVALE@MANHATTANNORTH.COM
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-12-19

Tank Info:

Tank Number: 001
Tank Id: 240782
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
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
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1964
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW WEST APARTMENTS (Continued)

A100359418

Register: True
Modified By: BVCAMPBE
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

160
NE
< 1/8
0.122 mi.
646 ft.

**CON EDISON SERVICE BOX: 42055
1615 PARK AVE FRONT OF
NEW YORK, NY 10029**

**RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST**

**1016677983
NYP004316675**

**Relative:
Higher**

**Actual:
23 ft.**

RCRA NonGen / NLR:
Date form received by agency: 06/28/2013
Facility name: CON EDISON SERVICE BOX: 42055
Facility address: 1615 PARK AVE FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004316675
Mailing address: VING PL, RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 05/28/2013
Site name: CON EDISON SERVICE BOX: 42055
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110058874035

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42055 (Continued)

1016677983

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: 1016677983
Registry ID: 110058874035
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110058874035>

NY MANIFEST:

Country: USA
EPA ID: NYP004316675
Facility Status: Not reported
Location Address 1: 1615 PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004316675
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/28/2013
Trans1 Recv Date: 05/28/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/28/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42055 (Continued)

1016677983

Generator EPA ID: NYP004316675
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010917564JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

H161
ESE
< 1/8
0.123 mi.
648 ft.

CON EDISON SERVICE BOX: 39151
1799 LEXINGTON AVE
NEW YORK, NY 10029
Site 24 of 24 in cluster H

RCRA NonGen / NLR 1016968262
NY MANIFEST NYP004418729

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 02/14/2014
Facility name: CON EDISON SERVICE BOX: 39151
Facility address: 1799 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004418729
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39151 (Continued)

1016968262

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: 01/14/2014
Site name: CON EDISON SERVICE BOX: 39151
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004418729
Facility Status: Not reported
Location Address 1: F/O 1798 LEXINGTON AVE
Code: BP
Location Address 2: SB39151
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004418729
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39151 (Continued)

1016968262

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	01/14/2014
Trans1 Recv Date:	01/14/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/15/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004418729
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002330009GBF
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:	500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1162
NW
< 1/8
0.123 mi.
652 ft.

CON EDISON SERVICE BOX: 18494
24 W 112TH ST
NEW YORK, NY 10026

RCRA NonGen / NLR **1016451092**
NY MANIFEST **NYP004301313**

Site 25 of 26 in cluster I

Relative:
Higher

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 05/14/2013
Facility name: CON EDISON SERVICE BOX: 18494
Facility address: 24 W 112TH ST
NEW YORK, NY 10026
EPA ID: NYP004301313
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 04/14/2013
Site name: CON EDISON SERVICE BOX: 18494
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301313
Facility Status: Not reported
Location Address 1: 24 W 112TH ST
Code: BP
Location Address 2: SERV BOX 18494
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18494 (Continued)

1016451092

NY MANIFEST:

EPAID: NYP004301313
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301313
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708424JJK
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: 1000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18494 (Continued)

1016451092

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 additional NY_MANIFEST: detail in the EDR Site Report.

I163
NW
< 1/8
0.123 mi.
652 ft.

CON EDISON SERVICE BOX: 18492
24 W 112TH ST
NEW YORK, NY 10029
Site 26 of 26 in cluster I

RCRA NonGen / NLR
NY MANIFEST
1016451034
NYP004300695

Relative:
Higher
Actual:
19 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/11/2013
Facility name: CON EDISON SERVICE BOX: 18492
Facility address: 24 W 112TH ST
NEW YORK, NY 10029
EPA ID: NYP004300695
Contact: ROBERT LINDELOF
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 917-559-3860
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
Used 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: 04/11/2013
Site name: CON EDISON SERVICE BOX: 18492
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18492 (Continued)

1016451034

Country: USA
EPA ID: NYP004300695
Facility Status: Not reported
Location Address 1: 24 W 112TH ST
Code: BP
Location Address 2: SERV BOX 18492
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300695
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/11/2013
Trans1 Recv Date: 04/11/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300695
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707741JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18492 (Continued)

1016451034

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**J164
SE
< 1/8
0.124 mi.
654 ft.**

**MANHOLE #39138
E 110TH ST & LEXINGTON AV
MANHATTAN, NY
Site 6 of 22 in cluster J**

**NY Spills S103573239
N/A**

**Relative:
Lower**

**Actual:
15 ft.**

SPILLS:
Facility ID: 9809081
Facility Type: ER
Spill Number: 9809081
DER Facility ID: 67514
Site ID: 71338
DEC Region: 2
Closed Date: 2003-11-14
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 1998-10-21
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 1998-10-21
CID: 365
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: 1998-10-21
Spill Record Last Update: 2003-11-14
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE #39138 (Continued)

S103573239

Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT e2mis 120671 10/21/98 04:35 PECORARO (FOD) REPORTS: WORKING ON SCHEDULE FDR-3M67 IN M-39138 S/E/C E.110 ST. & LEXINGTON AVE. FOUND APPROX. 1 QT. OF UNKNOWN OIL ON APPROX. 200 GALS OF WATER. OIL IS CONTAINED TO THE MANHOLE. DIDN'T ENTER ANY WATERWAYS OR SEWER SYSTEMS. UNABLE TO DETERMINE IF MANHOLE HAS A SUMP PIT OR CRACKS ON WALLS. TOOK SAMPLE AND HUNG SIGN # 17865 10/21/98 04:53 C.I.G. ROACH 10/21/98 1354 HRS RESULTS OF ANALYSIS 98-11341 RECEIVED @1346 HRS: PCB <1 PPM, AROCLOR 0 10-22-98 10:05 Cleanup complete on 10-21-98 at 2130 hours, supervised by R.Veasquez 27188, 300 gallons oily water removed via tanker, mh was then flushed. 1-55 gallon drum non hazardous waste generated. Taag 17865 removed. Crew: J.Burgos 07271, R.Calderon 19847, J.Pelzer 06470 and A.Pizarro 147911. Incorrect structure number (39165) was entered on the Chain of Custody. This should have read 39138 and was changed to indicate such on the office copy. When the lab analysis (SA98-11341) was delivered it indicated the correct strcuture (39138). This matches the incident number (120671) and the location. The only thing incorrect was the initial entry on the Chain of Custody. roz ... 11/12/98 "
Remarks: "1 QUART OF UNK OIL FOUND IN MANHOLE - 120671 CON ED #"

All Materials:

Site ID: 71338
Operable Unit ID: 1066360
Operable Unit: 01
Material ID: 316545
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

J165
SE
< 1/8
0.124 mi.
654 ft.

MTA NYCT - 110TH STREET STATION IRT
110TH ST & LEXINGTON AVE
NEW YORK, NY 10016

RCRA-CESQG 1001968986
NY MANIFEST NYR000081869
NJ MANIFEST

Site 7 of 22 in cluster J

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 01/01/2007
Facility name: MTA NYCT - 110TH STREET STATION IRT
Facility address: 110TH ST & LEXINGTON AVE
NEW YORK, NY 10016
EPA ID: NYR000081869
Mailing address: BROADWAY 2ND FLOOR
NEW YORK, NY 10004
Contact: WILLIAM JEHL
Contact address: BROADWAY 2ND FLOOR
NEW YORK, NY 10004
Contact country: US
Contact telephone: 646-252-3500
Contact email: Not reported
EPA Region: 02

Actual:
15 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - 110TH STREET STATION IRT (Continued)

1001968986

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: MTA NEW YORK CITY TRANSIT
Owner/operator address: 2 BROADWAY 2ND FLOOR
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: 646-252-3500
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: MTA NEW YORK CITY TRANSIT
Owner/operator address: 2 BROADWAY 2ND FLOOR
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: 646-252-3500
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
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - 110TH STREET STATION IRT (Continued)

1001968986

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: MTA NYCT - 110TH STREET STATION IRT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/31/2000
Site name: MTA NYCT - 110TH STREET STATION IRT
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYR000081869
Facility Status: Not reported
Location Address 1: 2 BRDWY-2ND FL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10004
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000081869
Mailing Name: NYCTA-DIV ENV ENGINEERING
Mailing Contact: MANISH A DESAI
Mailing Address 1: 2 BRDWY-2ND FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6462523500

NY MANIFEST:

Document ID: NJA5074294
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: S5811
Trans2 State ID: Not reported
Generator Ship Date: 03/04/2004
Trans1 Recv Date: 03/04/2004
Trans2 Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - 110TH STREET STATION IRT (Continued)

1001968986

TSD Site Recv Date: 03/04/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000081869
Trans1 EPA ID: NJ0000027193
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200
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: 00545
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access
3 additional NY_MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYR000081869
Mail Address: 370 JAY STREET
Mail City/State/Zip: BROOKLYN 11201
Facility Phone: 7182434227
Emergency Phone: Not reported
Contact: ROBERT TOAPITA
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: NJA5074294

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MTA NYCT - 110TH STREET STATION IRT (Continued)

1001968986

EPA ID: NYR000081869
Date Shipped: 03/04/2004
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: 03/04/2004
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: 03/04/2004
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
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: 03300425
Was Load Rejected: BROOKLYN 11201
Reason Load Was Rejected: Not reported

J166
SE
< 1/8
0.124 mi.
654 ft.

**CON EDISON
W 110TH ST & LEXINGTON AVE
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1018277848
NYP004725909**

Site 8 of 22 in cluster J

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
15 ft.**

Date form received by agency: 02/05/2015
Facility name: CON EDISON
Facility address: W 110TH ST & LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004725909
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018277848

Contact country: Not reported
Contact telephone: Not reported
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
Used 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: 02/05/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

J167
SE
< 1/8
0.124 mi.
654 ft.

**CON EDISON MANHOLE 39138
E 110TH ST & LEXINGTON
NEW YORK, NY 10029**

**RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST**

**1014918038
NYP004216216**

Site 9 of 22 in cluster J

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
15 ft.**

Date form received by agency: 10/22/2010
Facility name: CON EDISON MANHOLE 39138
Facility address: E 110TH ST & LEXINGTON
SE COR OF
NEW YORK, NY 10029
EPA ID: NYP004216216
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN RUSSELL
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39138 (Continued)

1014918038

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: 09/22/2010
Site name: CON EDISON MANHOLE 39138
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004216216
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN RUSSELL
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 003533445JJK
EPA ID: NYP004216216
Date Shipped: 09/22/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39138 (Continued)

1014918038

Date Trans1 Transported Waste: 09/22/2010
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: 09/22/2010
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 2000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004216216
Facility Status: Not reported
Location Address 1: S/E/C E 110TH ST & LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004216216
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39138 (Continued)

1014918038

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: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/22/2010
Trans1 Recv Date: 09/22/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/22/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004216216
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 003533445JJK
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: H111
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: 2000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J168
SE
< 1/8
0.124 mi.
654 ft.
CON EDISON
W 110TH ST & LEXINGTON AVE
NEW YORK, NY 10029
Site 10 of 22 in cluster J

NY MANIFEST **S117739471**
N/A

Relative:
Lower

NY MANIFEST:

Actual:
15 ft.

Country: USA
EPA ID: NYP004725909
Facility Status: Not reported
Location Address 1: W 110 ST & LEXINGTON AV
Code: BP
Location Address 2: SB39135
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004725909
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/05/2015
Trans1 Recv Date: 02/05/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/09/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004725909
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002610422GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117739471

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

J169
SE
< 1/8
0.124 mi.
654 ft.

**CON EDISON
LEXINGTON AVE & 110TH ST
NEW YORK, NY 10029**

**NY MANIFEST S117740738
N/A**

Site 11 of 22 in cluster J

**Relative:
Lower
Actual:
15 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004739199
Facility Status: Not reported
Location Address 1: SWC LEXINGTON AV & 110 ST
Code: BP
Location Address 2: SB39135
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004739199
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117740738

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:	02/26/2015
Trans1 Recv Date:	02/26/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/27/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004739199
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	014088560JJK
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:	1000
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J170
SE
< 1/8
0.124 mi.
654 ft.

CON EDISON
LEXINGTON AVE & 110TH ST
NEW YORK, NY 10029

NJ MANIFEST

S120668230
N/A

Site 12 of 22 in cluster J

Relative:
Lower

NJ MANIFEST:

Actual:
15 ft.

EPA Id: NYP004742144
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 002611133GBF
EPA ID: NYP004742144
Date Shipped: 3/3/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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 TSD Received Waste: Not reported
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120668230

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

J171
SE
< 1/8
0.124 mi.
654 ft.

CON EDISON
E 110 ST. AND LEXINGTON AVE.
NEW YORK, NY 10029

NY MANIFEST

S117737954
N/A

Site 13 of 22 in cluster J

Relative:
Lower
Actual:
15 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004692463
Facility Status: Not reported
Location Address 1: E 110 ST. AND LEXINGTON AVE.
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004692463
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 11/08/2014
Trans1 Recv Date: 11/08/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/11/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004692463
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117737954

Manifest Tracking Number: 012772290JJK
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: 2500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

J172
SE
< 1/8
0.124 mi.
654 ft.

CON EDISON
LEXINGTON AVE & 110TH ST
NEW YORK, NY 10029

NY MANIFEST S117741021
N/A

Site 14 of 22 in cluster J

Relative:
Lower
Actual:
15 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004742144
Facility Status: Not reported
Location Address 1: E 110 ST & LEXINGTON AV
Code: BP
Location Address 2: SB39139
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004742144
Mailing Name: CON EDISON
Mailing Contact: CON EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117741021

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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 03/03/2015
Trans1 Recv Date: 03/03/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/05/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004742144
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002611133GBF
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: 1000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117741021

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

J173
SE
< 1/8
0.124 mi.
654 ft.

CON EDISON
W 110TH ST & LEXINGTON AVE
NEW YORK, NY 10029

NJ MANIFEST S120666762
N/A

Site 15 of 22 in cluster J

Relative:
Lower

NJ MANIFEST:

Actual:
15 ft.

EPA Id: NYP004725909
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 002610422GBF
EPA ID: NYP004725909
Date Shipped: 2/5/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120666762

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

J174
SE
< 1/8
0.124 mi.
654 ft.

**MANHOLE #39138
EAST 110 AND LEXINGTON AV
MANHATTAN, NY**

**NY Spills S103573319
N/A**

Site 16 of 22 in cluster J

**Relative:
Lower
Actual:
15 ft.**

SPILLS:

Facility ID: 9809172
Facility Type: ER
Spill Number: 9809172
DER Facility ID: 215520
Site ID: 264422
DEC Region: 2
Closed Date: 2003-11-04
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 1998-10-22
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 1998-10-22
CID: 384
Water Affected: Not reported
Spill Source: Unknown
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: 1998-10-22
Spill Record Last Update: 2003-11-12
Spiller Name: Not reported
Spiller Company: UNKNOWN
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 O'CONNELL E2MIS 120733 10/22/98 11:27 O.S R.VELASQUEZ(27188) REPORTS WHILE WORKING ON FDR-3M67(SCHEDULED) FOUND APPROXIMATELY 2 QUARTS OF UNKNOWN OIL ONTOP OF APPROXIMATELY 80 GALLONS OF WATER... NO ENTRY INTO THE SEWER OR WATERWAY. NO SUMP,NO SEWER CONNECTION.. NO ENVIRONMENTAL IMPACT..... OIL APPEARS TO BE UNKNOWN AND IT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE #39138 (Continued)

S103573319

BLACK.FINAL CLEANUP IS EXPECTED TO BE COMPLETED THIS AFTERNOON THERE ARE ADDITIONAL OIL FILLED JOINTS IN THIS STRUCTURE..... PM58101 10/22/98 11:45 UNABLE TO CONTACT CIG.... NO ANSWER..... PM58101 10/22/98 12:22 CIG ADVISED..... PM58101 TAG#294 INSTALLED AND SAMPLE TAKEN..... PM58101 10/23/98 0137 HRS RESULTS OF LAB ANALYSIS #98-11469 RECEIVED ON 10/22/98 @1806HRS: PCB <1 PPM, AROCLOR 1260 LOGGER JPH 74031 10-25-98 14:10 Cleanup completed on 10-23-98 at 1300 hours, supervised by R.Velasquez 27188. 100 gallons oily water removed via tanker, mh was then flushed, 1-55 gallon drum non-hazardous waste generated. Tag removed. Crew: E.Foley 10441 and M.McCoy 17100. " "CON EDISON #120733 TOOK SAMPLE FOR PCB HANDLING AS 50-499 PPMPCB "

Remarks:

All Materials:

Site ID: 264422
Operable Unit ID: 1066456
Operable Unit: 01
Material ID: 316635
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Oxygenate: Not reported

J175
SE
< 1/8
0.124 mi.
654 ft.

**CON EDISON
LEXINGTON AVE & 110TH ST
NEW YORK, NY 10029**

**NJ MANIFEST S120667958
N/A**

Site 17 of 22 in cluster J

**Relative:
Lower
Actual:
15 ft.**

NJ MANIFEST:
EPA Id: NYP004739199
Mail Address: IRVING PL, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 014088560JJK
EPA ID: NYP004739199
Date Shipped: 2/26/2015
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120667958

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

J176
SE
< 1/8
0.124 mi.
654 ft.

CON EDISON
LEXINGTON AVE & 110TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS
ECHO

1018279408
NYP004742144

Site 18 of 22 in cluster J

Relative:
Lower
Actual:
15 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/03/2015
Facility name: CON EDISON
Facility address: LEXINGTON AVE & 110TH ST
NEW YORK, NY 10029
EPA ID: NYP004742144
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018279408

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
Used 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: 03/03/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067686105

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: 1018279408
Registry ID: 110067686105
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067686105>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

J177
SE
< 1/8
0.124 mi.
654 ft.

**NYCTA - 186 CENTRAL INSTR RM
110TH ST & LEXINGTON AVE
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1000134223
NY MANIFEST NYD982738825**

Site 19 of 22 in cluster J

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
15 ft.**

Date form received by agency: 01/01/2007
Facility name: NYCTA - 186 CENTRAL INSTR RM
Facility address: 110TH ST & LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYD982738825
Mailing address: JAY ST RM 809
BROOKLYN, NY 11201
Contact: Not reported
Contact address: JAY ST RM 809
BROOKLYN, NY 11201
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: NEW YORK TRANSIT AUTH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

Owner/operator name: NEW YORK TRANSIT AUTH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 186 CENTRAL INSTR RM (Continued)

1000134223

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: NYCTA - 186 CENTRAL INSTR RM

Classification: Not a generator, verified

Date form received by agency: 07/08/1999

Site name: NYCTA - 186 CENTRAL INSTR RM

Classification: Not a generator, verified

Date form received by agency: 06/28/1989

Site name: NYCTA - 186 CENTRAL INSTR RM

Classification: Large Quantity Generator

. Waste code: X002

. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYD982738825
Facility Status: Not reported
Location Address 1: 110TH ST & LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10019
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD982738825
Mailing Name: NYCTA-186 CENTRAL INSTRUMENT RM
Mailing Contact: JAMES H KLAMMER
Mailing Address 1: 1350 AVE OF AMER-RM 1706
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10019
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124928044

NY MANIFEST:

Document ID: NYB1138167
Manifest Status: C

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 186 CENTRAL INSTR RM (Continued)

1000134223

seq: Not reported
Year: 1991
Trans1 State ID: AB00444PA
Trans2 State ID: CE4203
Generator Ship Date: 04/10/1991
Trans1 Recv Date: 04/10/1991
Trans2 Recv Date: 04/14/1991
TSD Site Recv Date: 04/16/1991
Part A Recv Date: 04/18/1991
Part B Recv Date: 04/29/1991
Generator EPA ID: NYD982738825
Trans1 EPA ID: OHD981960123
Trans2 EPA ID: OHD981960123
TSDF ID 1: OHD981960123
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
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00033
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 150

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY_MANIFEST: record(s) in the EDR Site Report.

J178
SE
< 1/8
0.124 mi.
654 ft.

**CON EDISON
LEXINGTON AVE & 110TH ST
NEW YORK, NY 10029**

RCRA NonGen / NLR

**1018279120
NYP004739199**

Site 20 of 22 in cluster J

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 02/26/2015

**Actual:
15 ft.**

Facility name:

CON EDISON

Facility address:

LEXINGTON AVE & 110TH ST
NEW YORK, NY 10029

EPA ID:

NYP004739199

Mailing address:

IRVING PL, 15TH FL NE
NEW YORK, NY 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018279120

Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 02/26/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

P179
East
< 1/8
0.125 mi.
660 ft.

NYCHA JOHNSON HOUSES
1840 LEXINGTON AVE
NEW YORK, NY 10029
Site 1 of 4 in cluster P

RCRA NonGen / NLR **1004763033**
NYR000102939

Relative:
Higher
Actual:
21 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYCHA JOHNSON HOUSES
Facility address: 1840 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYR000102939
Mailing address: 49TH AVE
LONG ISLAND CITY, NY 11101-4528
Contact: ANTHONY SOLOMITA
Contact address: 49TH AVE
LONG ISLAND CITY, NY 11101-4528
Contact country: US
Contact telephone: 718-707-5731
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA JOHNSON HOUSES (Continued)

1004763033

Owner/Operator Summary:

Owner/operator name: NYCHA
Owner/operator address: 23-02 49TH AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-707-5731
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: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: NYCHA
Owner/operator address: 23-02 49TH AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-707-5731
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: 01/01/2001
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
Used 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: NYCHA JOHNSON HOUSES
Classification: Not a generator, verified

Date form received by agency: 12/27/2001
Site name: NYCHA JOHNSON HOUSES
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA JOHNSON HOUSES (Continued)

1004763033

. Waste code: D002
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

P180
East
1/8-1/4
0.125 mi.
662 ft.

NYCHA - JOHNSON HOUSES
1844 LEXINGTON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS
ECHO

1000117361
NYD986883668

Site 2 of 4 in cluster P

Relative:
Higher

RCRA NonGen / NLR:

Actual:
21 ft.

Date form received by agency: 01/01/2007
Facility name: NYCHA - JOHNSON HOUSES
Facility address: 1844 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYD986883668
Mailing address: LEXINGTON AVE
NEW YORK, NY 10029
Contact: S NISBETT
Contact address: LEXINGTON AVE
NEW YORK, NY 10029
Contact country: US
Contact telephone: 212-306-3229
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 HOUSING AUTH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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 HOUSING AUTH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - JOHNSON HOUSES (Continued)

1000117361

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: NYCHA - JOHNSON HOUSES

Classification: Not a generator, verified

Date form received by agency: 11/22/1989

Site name: NYCHA - JOHNSON HOUSES

Classification: Unverified

. Waste code: X001

. Waste name: WASTE OILS

Violation Status: No violations found

FINDS:

Registry ID: 110009477510

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: 1000117361

Registry ID: 110009477510

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009477510>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Q181 **CON EDISON SERVICE BOX: 42017**
SSW **1484 PARK AVE**
1/8-1/4 **NEW YORK, NY 10029**
0.126 mi.
665 ft. **Site 1 of 10 in cluster Q**

RCRA NonGen / NLR **1016450410**
NY MANIFEST **NYP004294351**

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 04/19/2013
Facility name: CON EDISON SERVICE BOX: 42017
Facility address: 1484 PARK AVE
NEW YORK, NY 10029
EPA ID: NYP004294351
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 03/19/2013
Site name: CON EDISON SERVICE BOX: 42017
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004294351
Facility Status: Not reported
Location Address 1: 1484 PARK AVE
Code: BP
Location Address 2: SERVICE BOX # 42017
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42017 (Continued)

1016450410

NY MANIFEST:

EPAID: NYP004294351
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/19/2013
Trans1 Recv Date: 03/19/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/20/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004294351
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708109JJK
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42017 (Continued)

1016450410

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 additional NY_MANIFEST: detail in the EDR Site Report.

M182
SE
1/8-1/4
0.126 mi.
667 ft.

CON EDISON
163 E 111 ST
NEW YORK, NY 10029
Site 12 of 16 in cluster M

NY MANIFEST **S117317088**
N/A

Relative:
Lower
Actual:
16 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004644268
Facility Status: Not reported
Location Address 1: 163 E 111 ST
Code: BP
Location Address 2: SB18384
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004644268
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/01/2014
Trans1 Recv Date: 09/01/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644268
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317088

TSDf ID 1: NJD991291105
TSDf ID 2: Not reported
Manifest Tracking Number: 002608907GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

M183
SE
1/8-1/4
0.126 mi.
667 ft.

163 E 111TH ST
163 E 111TH ST
NYC, NY
Site 13 of 16 in cluster M

NY LTANKS S102671851
N/A

Relative:
Lower
Actual:
16 ft.

LTANKS:
Facility ID: 9112852
Site ID: 293631
Closed Date: 1992-03-18
Spill Number: 9112852
Spill Date: 1992-03-18
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Not reported
Cleanup Ceased: 1992-03-18
SWIS: 3101
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1992-03-18
CID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

163 E 111TH ST (Continued)

S102671851

Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-03-20
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: EMPIRE STATE FUEL
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 237655
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "CONTAINED ON PAVEMENT. A L EASTMOND CLEANED UP."

All Materials:

Site ID: 293631
Operable Unit ID: 966452
Operable Unit: 01
Material ID: 414400
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

**O184
WSW
1/8-1/4
0.127 mi.
672 ft.**

**CON EDISON SERVICE BOX: 18114
16 E 109TH ST
NEW YORK, NY 10029
Site 2 of 9 in cluster O**

**RCRA NonGen / NLR 1016451102
NY MANIFEST NYP004301412**

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
17 ft.**

Date form received by agency: 05/15/2013
Facility name: CON EDISON SERVICE BOX: 18114
Facility address: 16 E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004301412
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18114 (Continued)

1016451102

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: 04/15/2013
Site name: CON EDISON SERVICE BOX: 18114
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301412
Facility Status: Not reported
Location Address 1: 16 E 109TH ST
Code: BP
Location Address 2: SERV BOX 18114
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301412
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18114 (Continued)

1016451102

Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/16/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301412
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708438JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

K185 **NYC DEPT OF EDUCATION - PS 108M**
SW **1615 MADISON AVE**
1/8-1/4 **NEW YORK, NY 10029**
0.129 mi.
683 ft. **Site 14 of 17 in cluster K**

RCRA-SQG **1001489047**
FINDS **NYR000009472**
ECHO
NY MANIFEST

Relative: RCRA-SQG:
Lower Date form received by agency: 11/26/2013
Actual: Facility name: NYC DEPT OF EDUCATION - PS 108M
17 ft. Facility address: 1615 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYR000009472

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 108M (Continued)

1001489047

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 SCHOOL FACILITIES
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: 08/14/1952
Owner/Op end date: Not reported

Owner/operator name: NYC BD OF ED - NYC DEPT DESIGN & CONSTRU
Owner/operator address: 30-30 THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-391-1291
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

Owner/operator name: NYC DEPT OF EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-472-8501
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: 08/14/1952
Owner/Op end date: Not reported

Owner/operator name: NYC BD OF ED - NYC DEPT DESIGN & CONSTRU

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 108M (Continued)

1001489047

Owner/operator address: 30-30 THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-391-1291
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

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

Historical Generators:

Date form received by agency: 01/01/2007
Site name: NYC BD OF ED - PUBLIC SCHOOL 108 MAN
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: NYC BD OF ED - PUBLIC SCHOOL 108 MAN
Classification: Not a generator, verified

Date form received by agency: 07/15/1999
Site name: NYC BD OF ED - PUBLIC SCHOOL 108 MAN
Classification: Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 108M (Continued)

1001489047

FINDS:

Registry ID: 110004516042

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.

Registry ID: 110019762201

Environmental Interest/Information System

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001489047
Registry ID: 110004516042
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004516042>

NY MANIFEST:

Country: USA
EPA ID: NYR000009472
Facility Status: Not reported
Location Address 1: 1615 MADISON AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000009472
Mailing Name: NYC BOARD OF EDUCATION - PS 108
Mailing Contact: NYC BOARD OF EDUCATION - PS 108
Mailing Address 1: 28-11 QUEENS PLAZA NORTH
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: 7183495660

NY MANIFEST:

Document ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - PS 108M (Continued)

1001489047

Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/06/2014
Trans1 Recv Date: 08/06/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/06/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000009472
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 000959275GBF
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: 55
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: B004
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
4 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K186
SW
1/8-1/4
0.129 mi.
683 ft.
P.S. 108 - MANHATTAN M108
1615 MADISON AVENUE
NEW YORK, NY 10029
Site 15 of 17 in cluster K

NY UST **U000409350**
N/A

Relative:
Lower

UST:

Actual:
17 ft.

Id/Status: 2-353795 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 06/28/2018
UTM X: 588759.86851
UTM Y: 4516555.77058
Site Type: School

Affiliation Records:

Site Id: 17566
Affiliation Type: Mail Contact
Company Name: NYC 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: DAFRANCI
Date Last Modified: 2017-04-26

Site Id: 17566
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: MSHARMA@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-12-13

Site Id: 17566
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P.S. 108 - MANHATTAN M108 (Continued)

U000409350

Zip Code: Not reported
Country Code: 999
Phone: (646) 210-7918
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-10-11

Site Id: 17566
Affiliation Type: Facility Operator
Company Name: P.S. 108 - MANHATTAN M108
Contact Type: Not reported
Contact Name: LORENZO WORRELL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 860-5803
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-11-20

Tank Info:

Tank Number: 001
Tank ID: 34416
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 7500
Install Date: 02/02/1951
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 07/18/2014
Next Test Date: 10/11/2016
Pipe Model: Not reported
Modified By: HDDUPIGN
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P.S. 108 - MANHATTAN M108 (Continued)

U000409350

D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None

Tank Number: 002
Tank ID: 34417
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 7500
Install Date: 02/02/1951
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 07/18/2014
Next Test Date: 10/11/2016
Pipe Model: Not reported
Modified By: HDDUPIGN
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
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

K187
SW
1/8-1/4
0.129 mi.
683 ft.

P.S. 108 - MANHATTAN M108
1615 MADISON AVENUE
NEW YORK, NY 10029
Site 16 of 17 in cluster K

NY AST A100442073
N/A

Relative:
Lower

Actual:
17 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-353795
Program Type: PBS
UTM X: 588759.86851
UTM Y: 4516555.77058
Expiration Date: 06/28/2018
Site Type: School

Affiliation Records:

Site Id: 17566
Affiliation Type: Mail Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P.S. 108 - MANHATTAN M108 (Continued)

A100442073

Company Name: NYC 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: DAFRANCI
Date Last Modified: 2017-04-26

Site Id: 17566
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: MSHARMA@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-12-13

Site Id: 17566
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: MFLEONAR
Date Last Modified: 2017-10-11

Site Id: 17566
Affiliation Type: Facility Operator
Company Name: P.S. 108 - MANHATTAN M108
Contact Type: Not reported
Contact Name: LORENZO WORRELL
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P.S. 108 - MANHATTAN M108 (Continued)

A100442073

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 860-5803
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-11-20

Tank Info:

Tank Number: 003
Tank Id: 274393

Equipment Records:

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
I05 - Overfill - Vent Whistle
G12 - Tank Secondary Containment - Double-Walled (AG only)
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 09/08/2017
Capacity Gallons: 3500
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DAFRANCI
Last Modified: 11/20/2017
Material Name: #2 fuel oil (on-site consumption)

Q188
South
1/8-1/4
0.130 mi.
684 ft.
CLINTON HOUSES
1485 PARK AVENUE
NEW YORK, NY 10029
Site 2 of 10 in cluster Q

NY LTANKS
NY UST
U001840711
N/A

Relative:
Lower
Actual:
16 ft.

LTANKS:
Facility ID: 9402162
Site ID: 130801
Closed Date: 2005-10-19
Spill Number: 9402162
Spill Date: 1993-03-11
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES (Continued)

U001840711

Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1994-05-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-08-22
Spill Record Last Update: 2005-12-06
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 Extension: Not reported
DEC Region: 2
DER Facility ID: 214520
DEC Memo: "10/19/05: This spill closed to consolidate with open spill #9803444.
S.Kraszewski"

Remarks: "INITIALLY REPORTED AS PASSED."

All TTF:

Facility ID: 9402162
Spill Number: 9402162
Spill Tank Test: 1542715
Site ID: 130801
Tank Number: 001
Tank Size: 0
Material: 0002
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: 130801
Operable Unit ID: 999231
Operable Unit: 01
Material ID: 385906
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES (Continued)

U001840711

Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9402163
Site ID: 130802
Closed Date: 2005-10-19
Spill Number: 9402163
Spill Date: 1993-03-02
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1994-05-13
CID: Not reported
Water Affected: Not reported
Spill Notifier: DEC
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-08-22
Spill Record Last Update: 2005-12-06
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: 214520
DEC Memo: "10/19/05: This spill closed to consolidate with open spill #9803444.
S.Kraszewski"
Remarks: "INITIALLY REPORTED AS PASSED."

All TTF:

Facility ID: 9402163
Spill Number: 9402163
Spill Tank Test: 1542716
Site ID: 130802
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES (Continued)

U001840711

Last Modified Date: Not reported

All Materials:

Site ID: 130802
Operable Unit ID: 999233
Operable Unit: 01
Material ID: 385907
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: 2-474835 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 03/28/2019
UTM X: 588889.18838
UTM Y: 4516460.06809
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 20947
Affiliation Type: Facility Operator
Company Name: CLINTON 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: 2014-02-11

Site Id: 20947
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES (Continued)

U001840711

E-Mail: YELENA.TKACH@NYCHA.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-08-14

Site Id: 20947
Affiliation Type: Emergency Contact
Company Name: NEW YORK CITY 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
E-Mail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-01-30

Site Id: 20947
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY HOUSING AUTHORITY
Contact Type: FUEL OIL REMEDIATION COORDINATOR
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
E-Mail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2017-03-10

Tank Info:

Tank Number: 002
Tank ID: 6814
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 15000
Install Date: Not reported
Date Tank Closed: 06/01/1998
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: NN
Date Test: Not reported
Next Test Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES (Continued)

U001840711

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 002-A
Tank ID: 172686
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 15000
Install Date: 10/01/1965
Date Tank Closed: 06/01/1998
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: 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
J02 - Dispenser - Suction Dispenser
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 1
Tank ID: 56308
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 15000
Install Date: 07/01/1998
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES (Continued)

U001840711

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:

F05 - Pipe External Protection - Jacketed
B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: OLD 1
Tank ID: 56253
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 15000
Install Date: 07/01/1998
Date Tank Closed: 06/01/1998
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: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F99 - Pipe External Protection - Other
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D08 - Pipe Type - Equivalent Technology
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES (Continued)

U001840711

J02 - Dispenser - Suction Dispenser
B02 - Tank External Protection - Original Sacrificial Anode

Tank Number: OLD 2
Tank ID: 37685
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 15000
Install Date: 10/01/1965
Date Tank Closed: 06/01/1998
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

O189
WSW
1/8-1/4
0.130 mi.
687 ft.

ST EDWARD THE MARTYR CHURCH
14 EAST 109TH STREET
NEW YORK, NY 10029

NY AST **U001835345**
N/A

Site 3 of 9 in cluster O

Relative:
Lower
Actual:
17 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-278475
Program Type: PBS
UTM X: 588673.84041
UTM Y: 4516651.21706
Expiration Date: N/A
Site Type: Religious Building (Church, Synagogue, Mosque, Temple, etc.)

Affiliation Records:

Site Id: 12077
Affiliation Type: Facility Owner
Company Name: ST EDWARD THE MARTYR CHURCH
Contact Type: Not reported
Contact Name: Not reported
Address1: 14 EAST 109TH STREET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST EDWARD THE MARTYR CHURCH (Continued)

U001835345

Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029
Country Code: 001
Phone: (212) 369-1140
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2011-05-31

Site Id: 12077
Affiliation Type: Mail Contact
Company Name: ST EDWARD THE MARTYR CHURCH
Contact Type: Not reported
Contact Name: MARION PENG
Address1: 14 EAST 109TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029
Country Code: 001
Phone: (212) 369-1140
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 12077
Affiliation Type: Facility Operator
Company Name: ST EDWARD THE MARTYR CHURCH
Contact Type: Not reported
Contact Name: ST EDWARD THE MARTYR CHURCH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 369-1140
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 12077
Affiliation Type: Emergency Contact
Company Name: ST EDWARD THE MARTYR CHURCH
Contact Type: Not reported
Contact Name: ST EDWARD THE MARTYR CHURCH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 369-1140

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST EDWARD THE MARTYR CHURCH (Continued)

U001835345

Email: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 14404
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/01/1995
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

**J190
SE
1/8-1/4
0.130 mi.
688 ft.**

**CON EDISON
1777 LEXINGTON AVE
NEW YORK, NY 10029**

Site 21 of 22 in cluster J

**RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST**

**1012186187
NYP004170254**

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
15 ft.**

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 1777 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004170254
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5423
Contact email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186187

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: 05/20/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004170254
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STEVEN MARTIS
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 003534274JJK
EPA ID: NYP004170254
Date Shipped: 05/19/2009
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186187

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: 05/19/2009
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: 05/20/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004170254
Facility Status: Not reported
Location Address 1: 1777 LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004170254
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PL RM 828

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186187

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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/19/2009
Trans1 Recv Date: 05/19/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/20/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004170254
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 003534274JJK
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186187

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

R191
WSW
1/8-1/4
0.134 mi.
706 ft.

CON EDISON MANHOLE 57231
1 E 109TH ST E OF 5TH AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918517
NYP004221339

Site 1 of 7 in cluster R

Relative:
Higher

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 01/06/2011
Facility name: CON EDISON MANHOLE 57231
Facility address: 1 E 109TH ST E OF 5TH AVE
NEW YORK, NY 10029
EPA ID: NYP004221339
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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
Used 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: 12/07/2010
Site name: CON EDISON MANHOLE 57231
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004221339
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 57231 (Continued)

1014918517

Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 001058012GBF
EPA ID: NYP004221339
Date Shipped: 12/07/2010
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: 12/07/2010
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: 12/07/2010
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 57231 (Continued)

1014918517

Hand Code: H111
Quantity: 1500 P

NY MANIFEST:

Country: USA
EPA ID: NYP004221339
Facility Status: Not reported
Location Address 1: FRONT OF 1 EAST 109 ST & 5th AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10025
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004221339
Mailing Name: CONSOLIDATED EDISON - MH 57231
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/07/2010
Trans1 Recv Date: 12/07/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/07/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004221339
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001058012GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 57231 (Continued)

1014918517

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: H111
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: 1500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

P192
East
1/8-1/4
0.136 mi.
719 ft.

CON EDISON
1830 LEXINGTON AVE & E 113TH ST
NEW YORK, NY 10029
Site 3 of 4 in cluster P

RCRA NonGen / NLR **1014395929**
NJ MANIFEST **NYP004180774**
NY MANIFEST

Relative:
Higher
Actual:
21 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 1830 LEXINGTON AVE & E 113TH ST
NEW YORK, NY 10029
EPA ID: NYP004180774
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: TIMOTHY REGAN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5436
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014395929

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
Used 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: 06/24/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004180774
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: TIMOTHY REGAN
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001083587GBF
EPA ID: NYP004180774
Date Shipped: 06/29/2009
TSD 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: 06/29/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014395929

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: 06/29/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 2000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004180774
Facility Status: Not reported
Location Address 1: SB 39158
Code: BP
Location Address 2: 1830 LEXINGTON AVE
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004180774
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: ROOM 818
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014395929

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2009
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	06/29/2009
Trans1 Recv Date:	06/29/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/29/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004180774
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	001083587GBF
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:	H111
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:	2000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S193
ESE
1/8-1/4
0.136 mi.
719 ft.
JOHNSON HOUSES
163 EAST 112TH STREET
NEW YORK CITY, NY
Site 1 of 5 in cluster S

NY LTANKS **S104513530**
N/A

Relative:
Higher
Actual:
18 ft.

LTANKS:

Facility ID: 8809774
Site ID: 291911
Closed Date: 1992-12-04
Spill Number: 8809774
Spill Date: 1989-03-20
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: B3
Cleanup Ceased: 1992-12-04
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1989-03-20
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: 1989-03-23
Spill Record Last Update: 1994-04-27
Spiller Name: Not reported
Spiller Company: SINRAM MARNIS OIL 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: 236350
DEC Memo: ""
Remarks: "SPILL OCCURRED WHILE SETTING UP FOR A TANK TEST, OVERFILL OUT OF VENT LINE, SPILL ON GROUND & STREET, SOIL BEING PUT IN SPECIAL DRUMS, SPILL ON STREET TO BE CLEANED UP BY SINRAM CREW."

All Materials:

Site ID: 291911
Operable Unit ID: 925842
Operable Unit: 01
Material ID: 450947
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M194
ESE
1/8-1/4
0.139 mi.
734 ft.
CON EDISON
165 E 111 ST
NEW YORK, NY 10029
Site 14 of 16 in cluster M

NY MANIFEST **S117317089**
N/A

Relative:
Lower

NY MANIFEST:

Actual:
16 ft.

Country: USA
EPA ID: NYP004644274
Facility Status: Not reported
Location Address 1: 165 E 111 ST
Code: BP
Location Address 2: SB18385
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004644274
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/01/2014
Trans1 Recv Date: 09/01/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644274
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002608908GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317089

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

K195
SW
1/8-1/4
0.139 mi.
736 ft.

CON EDISON SERVICE BOX: 50688
1601 MADISON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR **1016451091**
NY MANIFEST **NYP004301305**

Site 17 of 17 in cluster K

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/14/2013
Facility name: CON EDISON SERVICE BOX: 50688
Facility address: 1601 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004301305
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50688 (Continued)

1016451091

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: 04/14/2013

Site name: CON EDISON SERVICE BOX: 50688

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301305
Facility Status: Not reported
Location Address 1: 1601 MADISON AVE
Code: BP
Location Address 2: SERV BOX 50688
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301305
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/18/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301305
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50688 (Continued)

1016451091

TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010708423JJK
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: 250
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

P196
East
1/8-1/4
0.142 mi.
752 ft.

CON EDISON
1829 LEXINGTON AVE & E 113TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR **1014396824**
NJ MANIFEST **NYP004191409**
NY MANIFEST

Site 4 of 4 in cluster P

Relative:
Higher

RCRA NonGen / NLR:

Actual:
21 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 1829 LEXINGTON AVE & E 113TH ST
NEW YORK, NY 10029
EPA ID: NYP004191409
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: 917-440-1809
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396824

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
Used 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: 08/18/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004191409
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: NY061
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: 000961844GBF
EPA ID: NYP004191409
Date Shipped: 08/18/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396824

Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/18/2009
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: 08/20/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004191409
Facility Status: Not reported
Location Address 1: 1829 LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004191409
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PL RM 828
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396824

Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 212462808

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/18/2009
Trans1 Recv Date: 08/18/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/20/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004191409
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 000961844GBF
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396824

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

R197 1274 5TH AVE
WSW 1274 FIFTH AVENUE
1/8-1/4 NEW YORK, NY 10029
0.145 mi.
767 ft. Site 2 of 7 in cluster R

NY AST U003396114
N/A

Relative:
Lower

AST:

Actual:
17 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-601293
Program Type: PBS
UTM X: 588623.44688
UTM Y: 4516638.84461
Expiration Date: 10/11/2018
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 23260
Affiliation Type: Mail Contact
Company Name: STONEHENG MANAGEMENT
Contact Type: Not reported
Contact Name: ADAM GRUSHKO
Address1: 888 SEVENTH AVENUE
Address2: 3RD FLOOR
City: NEW YORK
State: NY
Zip Code: 10106
Country Code: 001
Phone: (212) 977-5000
EMail: AGRUSHKO@STONEHENGNY.COM
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2013-10-11

Site Id: 23260
Affiliation Type: Facility Operator
Company Name: 1274 5TH AVE
Contact Type: Not reported
Contact Name: MAXIMO MARTINEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 560-7714
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-05-01

Site Id: 23260
Affiliation Type: Emergency Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1274 5TH AVE (Continued)

U003396114

Company Name: SP 1274 FIFTH AVENUE LLC % STONEHENGE MGMT
Contact Type: Not reported
Contact Name: MAXIMO MARTINEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 560-7714
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-05-01

Site Id: 23260
Affiliation Type: Facility Owner
Company Name: SP1274 FIFTH AVE LLC C/O STONEHENGE MGT.
Contact Type: MGR
Contact Name: ADAM G.
Address1: 888 SEVENTH AVE.
Address2: Not reported
City: NY
State: NY
Zip Code: 10106
Country Code: 001
Phone: (212) 977-5000
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2013-10-11

Tank Info:

Tank Number: 001
Tank Id: 45210
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

F06 - Pipe External Protection - Wrapped
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
F02 - Pipe External Protection - Original Sacrificial Anode
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1274 5TH AVE (Continued)

U003396114

Pipe Model: Not reported
Install Date: 01/01/1992
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: MSBAPTIS
Last Modified: 04/14/2017
Material Name: #4 fuel oil (on-site consumption)

T198
SSE
1/8-1/4
0.146 mi.
771 ft.

CON EDISON
154 E 110TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1012186185
NYP004170239

Site 1 of 9 in cluster T

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 154 E 110TH ST
NEW YORK, NY 10029
EPA ID: NYP004170239
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5423
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: 05/20/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186185

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004170239
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STEVEN MARTIS
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 003534296JJK
EPA ID: NYP004170239
Date Shipped: 05/20/2009
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: 05/20/2009
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: 05/22/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186185

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: H111
Quantity: 2000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004170239
Facility Status: Not reported
Location Address 1: SB 12237 F/O 154 E 110TH ST & LEX
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004170239
Mailing Name: CONSOLIDATED EDISON SB 12237
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PL 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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/20/2009
Trans1 Recv Date: 05/20/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/22/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004170239
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186185

Manifest Tracking Number: 003534296JJK
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: H111
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: 2000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

**M199
SE
1/8-1/4
0.147 mi.
774 ft.**

**HELL GATE
153 E 110TH STREET
BROOKLYN, NY 10029

Site 15 of 16 in cluster M**

**NY AST U003392382
N/A**

**Relative:
Lower

Actual:
15 ft.**

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-365343
Program Type: PBS
UTM X: 589099.67994
UTM Y: 4516501.78641
Expiration Date: N/A
Site Type: Unknown

Affiliation Records:
Site Id: 18551
Affiliation Type: Facility Owner
Company Name: U S POSTAL SERVICE
Contact Type: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HELL GATE (Continued)

U003392382

Address1: 33RD STREET & 8TH AVE
Address2: Not reported
City: NYC
State: NY
Zip Code: 10199-9731
Country Code: 001
Phone: (212) 330-3102
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 18551
Affiliation Type: Mail Contact
Company Name: U S POSTAL SERVICE
Contact Type: Not reported
Contact Name: Not reported
Address1: 33RD STREET & 8TH AVE
Address2: Not reported
City: NYC
State: NY
Zip Code: 10199-9731
Country Code: 001
Phone: (212) 330-3102
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 18551
Affiliation Type: Facility Operator
Company Name: HELL GATE
Contact Type: Not reported
Contact Name: SUPT ENGINEER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 534-2210
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 18551
Affiliation Type: Emergency Contact
Company Name: U S POSTAL SERVICE
Contact Type: Not reported
Contact Name: GUY J MIATA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HELL GATE (Continued)

U003392382

Phone: (212) 330-3102
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 24489
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

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
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

R200
WSW
1/8-1/4
0.147 mi.
775 ft.

CON EDISON SERVICE BOX 34078
E 109TH ST & 5TH AVE SE COR
NEW YORK, NY 10028

Site 3 of 7 in cluster R

RCRA NonGen / NLR 1014918977
NJ MANIFEST NYP004225967
NY MANIFEST

Relative:
Higher

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 02/28/2011
Facility name: CON EDISON SERVICE BOX 34078
Facility address: E 109TH ST & 5TH AVE SE COR
NEW YORK, NY 10028
EPA ID: NYP004225967
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JOSE MONTALVO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1331

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 34078 (Continued)

1014918977

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: 01/29/2011
Site name: CON EDISON SERVICE BOX 34078
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004225967
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JOSE MONTALVO
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 007660179JJK
EPA ID: NYP004225967
Date Shipped: 1/29/2011
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 34078 (Continued)

1014918977

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:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D008
Hand Code:	H111
Quantity:	1,000.00 Pounds

NY MANIFEST:

Country:	USA
EPA ID:	NYP004225967
Facility Status:	Not reported
Location Address 1:	S/E/CEAST 109TH ST & 5TH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	NEW YORK
Location State:	NY
Location Zip:	10002
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004225967
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	TOM TEELING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 34078 (Continued)

1014918977

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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/29/2011
Trans1 Recv Date: 01/29/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/31/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004225967
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007660179JJK
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 34078 (Continued)

1014918977

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

R201 1280-1285 5TH AVENUE
WSW 1280-1285 5TH AVENUE
1/8-1/4 NEW YORK, NY 10029
0.147 mi.
777 ft. Site 4 of 7 in cluster R

NY UST U004118736
N/A

Relative:
Higher

UST:

Actual:
18 ft.

Id/Status: 2-610735 / Inactive
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588611.38144
UTM Y: 4516664.56993
Site Type: Other

Affiliation Records:

Site Id: 391474
Affiliation Type: Facility Owner
Company Name: PARKVIEW FIFTH AVE ASSOCIATES, LLC
Contact Type: VP
Contact Name: Not reported
Address1: 712 5TH AVE.
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 541-5500
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2007-12-26

Site Id: 391474
Affiliation Type: Mail Contact
Company Name: PARKVIEW FIFTH AVE ASSOCIATES, LLC
Contact Type: Not reported
Contact Name: BERNARD T. BARTON
Address1: C/O BRICKMAN
Address2: 712 5TH AVE.
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 541-5500
EMail: BBARTON@BRICKMANRE.COM
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2007-12-26

Site Id: 391474
Affiliation Type: Facility Operator
Company Name: 1280-1285 5TH AVENUE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

Contact Type: Not reported
Contact Name: PARKVIEW 5TH AVE ASSOC LLC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 541-5500
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2007-12-26

Site Id: 391474
Affiliation Type: Emergency Contact
Company Name: PARKVIEW FIFTH AVE ASSOCIATES, LLC
Contact Type: Not reported
Contact Name: BERNARD T. BARTON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 541-5500
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2007-12-26

Tank Info:

Tank Number: 001
Tank ID: 220892
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None

Tank Number: 002
Tank ID: 220893
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
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
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None

Tank Number: 003
Tank ID: 220894
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 220895
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

Tank Number: 005
Tank ID: 220896
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None

Tank Number: 006
Tank ID: 220897
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None

Tank Number: 007
Tank ID: 220898
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D05 - Pipe Type - Steel Encased in Concrete
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None

Tank Number: 008
Tank ID: 220899
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None

Tank Number: 009
Tank ID: 220900
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None

Tank Number: 010
Tank ID: 220901
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
D05 - Pipe Type - Steel Encased in Concrete
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 011
Tank ID: 220902
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: dxliving
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

Tank Number: 012
Tank ID: 220903
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D05 - Pipe Type - Steel Encased in Concrete
K00 - Spill Prevention - None

Tank Number: 013
Tank ID: 220904
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 1000
Install Date: Not reported
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 014
Tank ID: 220905
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 1000
Install Date: Not reported
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

Tank Number: 015
Tank ID: 220906
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 1000
Install Date: Not reported
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: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1280-1285 5TH AVENUE (Continued)

U004118736

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
L00 - Piping Leak Detection - None

M202
SE
1/8-1/4
0.147 mi.
777 ft.

CON EDISON
166 E 111 ST
NEW YORK, NY 10029
Site 16 of 16 in cluster M

NY MANIFEST S117317133
N/A

Relative:
Lower
Actual:
15 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004644985
Facility Status: Not reported
Location Address 1: 166 E 111 ST
Code: BP
Location Address 2: SB18390
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004644985
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: NJD003812047
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317133

Generator Ship Date: 09/02/2014
Trans1 Recv Date: 09/02/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644985
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002609144GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

S203
ESE
1/8-1/4
0.147 mi.
778 ft.
CON EDISON
169 E 112TH ST
NEW YORK, NY 10029
Site 2 of 5 in cluster S

NY MANIFEST **S117316434**
N/A

Relative: NY MANIFEST:
Higher Country: USA
Actual: EPA ID: NYP004636999
18 ft. Facility Status: Not reported
Location Address 1: 169 E 112TH ST
Code: BP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117316434

Location Address 2: SB 18525
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004636999
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: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/23/2014
Trans1 Recv Date: 08/23/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/27/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004636999
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254454JJK
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: 500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117316434

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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

R204
WSW
1/8-1/4
0.148 mi.
779 ft.

CONSOLIDATED EDISON
F/O 2 E 109 ST - E/O 5TH AVE
NEW YORK, NY 10002
Site 5 of 7 in cluster R

NY MANIFEST **S110823948**
N/A

Relative:
Higher
Actual:
18 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004229447
Facility Status: Not reported
Location Address 1: F/O 2 E 109 ST - E/O 5TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10002
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004229447
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/02/2011
Trans1 Recv Date: 03/02/2011
Trans2 Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S110823948

TSD Site Recv Date: 03/03/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004229447
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 007658089JJK
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

R205
WSW
1/8-1/4
0.148 mi.
779 ft.
CON EDISON SERVICE BOX 18111
2 E 109TH ST E OF 5TH AVE
NEW YORK, NY 10029
Site 6 of 7 in cluster R

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST
1014918519
NYP004221354

Relative: RCRA NonGen / NLR:
Higher Date form received by agency: 01/06/2011
Actual: Facility name: CON EDISON SERVICE BOX 18111
18 ft. Facility address: 2 E 109TH ST E OF 5TH AVE
NEW YORK, NY 10029
EPA ID: NYP004221354
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18111 (Continued)

1014918519

Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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
Used 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: 12/07/2010
Site name: CON EDISON SERVICE BOX 18111
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004221354
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 001058011GBF
EPA ID: NYP004221354
Date Shipped: 12/07/2010
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18111 (Continued)

1014918519

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: 12/07/2010
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: 12/07/2010
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004221354
Facility Status: Not reported
Location Address 1: FRONT OF 2 EAST 109 ST & 5th AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10025
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18111 (Continued)

1014918519

NY MANIFEST:

EPAID: NYP004221354
Mailing Name: CONSOLIDATED EDISON - S BOX 18111
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/07/2010
Trans1 Recv Date: 12/07/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/07/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004221354
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001058011GBF
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18111 (Continued)

1014918519

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

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J206
SSE
1/8-1/4
0.149 mi.
789 ft.

CARITAS DEVELOPMENT LLC
1759-73 LEXINGTON AVENUE
NEW YORK, NY 10029
Site 22 of 22 in cluster J

NY AST **U003387071**
N/A

Relative:
Lower
Actual:
15 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-287865
Program Type: PBS
UTM X: 589018.38299
UTM Y: 4516453.04643
Expiration Date: 06/29/2019
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 12902
Affiliation Type: Mail Contact
Company Name: CARITAS DEVELOPMENT LLC
Contact Type: Not reported
Contact Name: JOEL GENDELS
Address1: 542 MAIN STREET
Address2: 2ND FLOOR
City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 380-8220
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2014-07-28

Site Id: 12902
Affiliation Type: Facility Operator
Company Name: CARITAS DEVELOPMENT LLC
Contact Type: Not reported
Contact Name: MANUEL PAZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 273-5288
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARITAS DEVELOPMENT LLC (Continued)

U003387071

Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2009-03-13

Site Id: 12902
Affiliation Type: Emergency Contact
Company Name: CARITAS DEVELOPMENT LLC
Contact Type: Not reported
Contact Name: MARY CAMACHO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 380-8220
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2014-07-28

Site Id: 12902
Affiliation Type: Facility Owner
Company Name: CARITAS DEVELOPMENT LLC
Contact Type: AGENT
Contact Name: JOEL GENDELS
Address1: 542 MAIN STREET, 2ND FLOOR
Address2: Not reported
City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 380-8220
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2009-03-13

Tank Info:

Tank Number: 1
Tank Id: 11224
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
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
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARITAS DEVELOPMENT LLC (Continued)

U003387071

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1982
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
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Q207
SSW
1/8-1/4
0.150 mi.
794 ft.

CON EDISON SERVICE BOX: 17992
51 E 108TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR 1016451137
NY MANIFEST NYP004301776

Site 3 of 10 in cluster Q

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/16/2013
Facility name: CON EDISON SERVICE BOX: 17992
Facility address: 51 E 108TH ST
NEW YORK, NY 10029
EPA ID: NYP004301776
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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: 04/16/2013
Site name: CON EDISON SERVICE BOX: 17992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 17992 (Continued)

1016451137

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301776
Facility Status: Not reported
Location Address 1: 51 E 108TH ST
Code: BP
Location Address 2: SERV BOX 17992
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301776
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/16/2013
Trans1 Recv Date: 04/16/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/18/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301776
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708462JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 17992 (Continued)

1016451137

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: 250
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**T208
SE
1/8-1/4
0.155 mi.
817 ft.**

**CON EDISON MANHOLE 18238
158 E 110TH ST E OF LEXINGTON AVE
NEW YORK, NY 10029**

**RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST**

**1014918135
NYP004217182**

Site 2 of 9 in cluster T

**Relative:
Lower
Actual:
15 ft.**

RCRA NonGen / NLR:
Date form received by agency: 11/04/2010
Facility name: CON EDISON MANHOLE 18238
Facility address: 158 E 110TH ST E OF LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004217182
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN RUSSELL
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 18238 (Continued)

1014918135

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 10/05/2010
Site name: CON EDISON MANHOLE 18238
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004217182
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN RUSSELL
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007020849JJK
EPA ID: NYP004217182
Date Shipped: 10/05/2010
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: 10/05/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 18238 (Continued)

1014918135

Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 10/06/2010
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 400 P

NY MANIFEST:

Country: USA
EPA ID: NYP004217182
Facility Status: Not reported
Location Address 1: F/O 158 E 110TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004217182
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: THOMAS TEELING
Mailing Address 1: 4 IRVING PL 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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 18238 (Continued)

1014918135

Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/05/2010
Trans1 Recv Date: 10/05/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/06/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004217182
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007020849JJK
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: H111
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: 400.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T209
SE
1/8-1/4
0.155 mi.
817 ft.
CON EDISON SERVICE BOX: 18239
158 E 110TH ST
NEW YORK, NY 10029
Site 3 of 9 in cluster T

RCRA NonGen / NLR
NY MANIFEST
1016451106
NYP004301453

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 05/15/2013
Facility name: CON EDISON SERVICE BOX: 18239
Facility address: 158 E 110TH ST
NEW YORK, NY 10029
EPA ID: NYP004301453
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 04/15/2013
Site name: CON EDISON SERVICE BOX: 18239
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301453
Facility Status: Not reported
Location Address 1: 158 E 110TH ST
Code: BP
Location Address 2: SERV BOX 18239
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18239 (Continued)

1016451106

NY MANIFEST:

EPAID: NYP004301453
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301453
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708445JJK
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: 600
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18239 (Continued)

1016451106

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 additional NY_MANIFEST: detail in the EDR Site Report.

Q210
SSW
1/8-1/4
0.155 mi.
819 ft.

CON EDISON
E 108TH ST & PARK AVE SW COR
NEW YORK, NY 10029

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014399019
NYP004213948

Site 4 of 10 in cluster Q

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 08/21/2010
Facility name: CON EDISON
Facility address: E 108TH ST & PARK AVE SW COR
NEW YORK, NY 10029
EPA ID: NYP004213948
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004213948
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399019

Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 003533442JJK
EPA ID: NYP004213948
Date Shipped: 08/21/2010
TSD 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: 08/21/2010
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 TSD Received Waste: 08/23/2010
TSD 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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399019

Hand Code: H111
Quantity: 250 P

NY MANIFEST:

Country: USA
EPA ID: NYP004213948
Facility Status: Not reported
Location Address 1: S/W/C E 108TH ST & PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004213948
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: THOMAS TEELING
Mailing Address 1: 4 IRVING PL 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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/21/2010
Trans1 Recv Date: 08/21/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/23/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004213948
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 003533442JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399019

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: H111
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: 250.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

O211 **VILLA HERMOSA APTS - BUILDING C**
SW **1600 MADISON AVE/1596-1614 MADISON AVE**
1/8-1/4 **MANHATTAN, NY**
0.157 mi.
827 ft. **Site 4 of 9 in cluster O**

NY LTANKS **S106385514**
N/A

Relative: LTANKS:
Lower Facility ID: 0313381
Actual: Site ID: 149717
17 ft. Closed Date: 2010-03-16
Spill Number: 0313381
Spill Date: 2004-03-05
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2004-03-05
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: 2004-03-05
Spill Record Last Update: 2010-03-16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING C (Continued)

S106385514

Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: ISAAC MUNGRA
Spiller Phone: (718) 378-7000
Spiller Extention: 28
DEC Region: 2
DER Facility ID: 356706
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 3/8/04 TJD Location required to test tanks in attempt to track down source of petroleum contamination impacting 1261 Fifth Avenue (0310458). Tank Testing occurred on 3/5/04 by Eastmond (Manny). One Tank failed tightness test. Subsurface Investigation is required. TTF letter mailed today. 2/23/05 - Austin - project reassigned from DeMeo to Sawyer 3/1/05 - Austin - project reassigned from Sawyer to Tipple 4/4/05 F & N to conduct subsurface investigation. 12/8/05 - Raphael Ketani. I received a call from Ryan Vanmeter, the building's attorney. He wanted to know what information was available regarding the spill case. I told him there wasn't a physical case file in the office, only a spill report. 12/14/05 - Raphael Ketani. Mr. Vanmeter called again. He said that Fenley & Nicol is ready to start soil boring again, but there was some past disagreement as to where and how many borings were to be done. He said that the previous case manager from DEC wanted more borings and F&N wanted less. I told him that I didn't have the work plan in the files and to have F&N send it to me. He said he would. I received a call today from Christine Dillner ((631) 586-4900, ext 153) of Fenley & Nicol. She told me that the previous DEC case manager, Tim Demeo, had requested that 4 groundwater monitoring wells be installed in the basement. She said that the neighboring property (spill #0310458) had a tank failure in 12/03 and leaked #2 oil, as well as Villa Hermosa leaking #2 oil in 3/04. She added that the technicians will install 2 to 3 more wells in the basement and develop all of the existing wells. However, the owner of Villa Hermosa refuses to have any work done unless he gets a letter ordering him to do so. Ms. Dillner wants a letter from DEC ordering the work. I told her to send me the work plan and I will take a look at their proposal. She said she would. 12/15/05 - Raphael Ketani. I spoke to Matt of Tericon Environmental ((770) 623-0755). He is investigating the building for a potential buyer. He asked me about the status of the oil spill. I told him that F&N still has to submit an investigation plan. He said that he has a FOIL request with the DEC. 2/9/06-Vought-This spill transferred from DEC Tang to DEC Vought as per DEC Austin. 1/29/07-Vought-See also spill #0310458 and #0610453 for recent impact to adjacent DeSalles Residence. Letter from Alston & Bird, LLP (Ryan Van Meter 404-881-7000) dated 1/8/07. This firm represents Villa Hermosa Apartments. Enclosed please find a Remedial Investigation Report/Remedial Action Workplan.. As you will note the investigation has eliminated the property as the source of release at the adjacent DeSales Assisted Living property, and only limited work should delineate the extent of release at the Property . Remedial Investigation Report (Marcor Remediation Inc-Jack Bally-610-269-3250 fax:610-269-3393). Report prepared for: AIMCO 639 Granite Street Suite 312 Braintree, MA. 11224 Report details soil and ground water investigation activities conducted in the area of a former discharge from a #2 fuel oil fill line located at the Villa Hermosa Apartment Complex . Based on the remedial activities detailed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING C (Continued)

S106385514

herein, soil and ground water impacts have been detected onsite. Additional investigation is proposed to be completed... A thin layer (<.10 thick) of free phase product was identified within the water table within the excavation. Groundwater encountered at 5 feet bsg. ...soil impacts have been delineated except to the north and east of the discharge . Three ASTs and their associated piping was tested on 3/5/06. An approximately 6000-gallon aboveground storage tank(AST) in Building C of the Villa Hermosa Apartment complex failed the tightness test within the ullage (dry)portion of the tank. Based on the tightness testing, it was determined that the fill port and the remote fill line for the AST, located on Madison Avenue between 107th and 108th Streets, had been compromised and a discharge had occurred . Following replacement of the fill line,staining was noted on the interior wall of the basement. Oil soaked debris was identified within a void space below the sidewalk to the east of the basement wall. The basement was subsequently removed and AES was retained to perform remedial activities. Approximately 120 55-gallon drums of impacted soil and debris were hand excavated and removed from the subject property . Excavation was completed to 4' below basement floor and horizontally expanded to walls. Excavation currently remains open. Borings installed north,east and south of building, the basement of the subject building and courtyard to the west of building C. Borings done via Geoprobe and hand augers. Groundwater was approximately 9'below grade. Soil samples analyticals show:3850ppb xylene(SB6 8.5-9'bg), 4240ppb 1,3,5-trimethylbenzene(SB6 8.5-9'). Refusal at shallow depths and void spaced prevented delineation to the north and east and numerous utilities are located immediately to east of property. Four temporary wells were installed and two wells previously installed were sampled. Groundwater analyticlas show no TAGM Groundwater Standard exceeedeneces and .54 benzene(TW12). However based on the limited aerial extent of ground water impacts to the south and west, the groundwater plume appears to be confined to the area immediately adjacent to the former discharge . Air samples collected from residence show that the discharge does not appear to have degraded air quality... Groundwater not always present in excavation. Report proposes installation of one recovery well in excavation. Therefore, not only are groundwater impacts limited to the former source area, the subject property is not the source of the impacts detected at the DeSale facility located at 1261 Fifth Avenue, and should be removed from consideration as a potential source of the DeSale impacts. Proposal for four soil borings and installation of three monitoring wells on north and east sides of property. DEC requires: 1)product fingerprinting 2)site visit and basement/sump inspection/excavation 3)DEC presence during delineation to the north and south 4)submission of TTF results for all onsite tanks including passing test for leaking UST above 5)well construction logs for MW1 and MW2 6)determination of groundwater flow direction 6)installation of three permanent wells to the east of excavation with monthly monitoring and quarterly sampling. Vought called and spoke to Jack Bally to set up site visit with site geologist (Jack Hernandez) and send return email to DEC Vought setting up site visit. 1/30/07-Vought-Received email from Jack Bally (Ballyj@marcor.com) and sent reply email requesting site visit and with preliminary requirements. 2/15/07-Vought-Received call and spoke to Ryan Van Meter (Alston & Bird 404-881-4795) who is attorney for property owner. 02/27/07-Vought-Site visit by Vought with: John Hernandez Brenan Environmental Inc ph: 908-918-1702 fax: 908-918-1707

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING C (Continued)

S106385514

jhernandez@bei-env.com Jack Bally MARCOR Remediation Inc. ph: 610-269-3250 fax: 610-269-3393 ballyj@marcor.com Carlo Arjona AIMCO Capital ph: 215-493-0502 fax: 215-493-4498 carlo.arjona@aimco.com Vought inspected excavation at 1600 Madison and excavation located under fill line. New fill line was installed inside old fill line. Free product in excavation but as per consultants groundwater not always present in excavation. Agreement was reached to have super perform weekly inspection of pit and record observations. If free product is detected he will contact consultants to perform recovery. A recovery sump or recovery well will be installed in the pit at 1600 Madison. Site visit was also performed with reps to DeSalles to examine impact. Stains noted but no liquid product has reappeared since cleanup by National. As per Janeski last time product showed up prior to 11/06 was approximately 1.5 years ago. All tank rooms and sumps were inspected at Villa Hermosa and no spills noted other than fill line excavation referred to previously. Villa Hermosa will submit remedial action plan. Vought also inspected boiler rooms and found no evidence of spills other than on Madison Avenue. Tank bottoms not visible as USTs. Free product still present in excavation at 1600 Madison Avenue. 3/20/07-Vought-Called Hernandez for updates and left message to return call. 11/24/08 Sangesland - Village Hermosa properties are being sold. Purchaser had 3 - 6,000 gal tanks at address 1596-1614 Madison tested. All 3 tanks failed. Charles Merritt of Merritt Engineering is doing Environmental work FOR PURCHASER. Merritt # 718-767-7997 - Cross Ref new TTF spill #0809556 12/05/08-Vought-Current file review by Vought: Fax from Fenley & Nicol (F&N) Kristin-2/26/07. Well construction logs for MW1 and MW2 showing screen in MW1 from 2'-23'bg and in MW2 from 3'-20'bg respectively. Proposed Supplemental Subsurface Investigation and Remedial Work Plan (TRC Charles Guder Ph:212-221-7822 Fax:212-221-7840). Objective of workplan is to demonstrate that the petroleum impacts observed in the basement of the adjacent DeSales property were not caused by the fill line failure at the Villa Hermosa property and to close the spill. A total of 120 55-gallon drums of petroleum contaminated soil was excavated. ...a thin layer of LNAPL (<0.10 inch) is occasionally observed on the water table... . One product recovery event was completed via vacuum truck in October 2006, removing 400 gallons of oily water . Subsurface investigation took place that included six soil borings, five temporary well points and sampling of two existing wells. Proposal for installation of two monitoring wells. Wells will be installed via hollow stem auger and a final letter report will be submitted to DEC. Proposal also to monitor excavation on monthly basis for free product after powerwashing bedrock. Two wells will also be installed into the base of the excavation. Report will be submitted to DEC after one year of implementation of remedial activities. Proposed Supplemental Subsurface Investigation and Remedial Work Plan (TRC)-2/20/08. Unless otherwise directed by NYSDEC, TRC will be mobilizing to begin this work in March 2008 . 12/05/08-Vought-Received message from Jesse Curl (AIMCO): Mr. Jesse Curl AIMCO - Boston 639 Granite Street, Suite 312 Braintree, MA 02184 Fax:(781) 849-7652 Phone:(781) 849-1471x105 and TRC sending in report showing Villa Hermosa not the source. 12/9/08-Vought-Site visit by Vought with Envirotrac (Lorthior), TRC Guder, TRC Eva, Metropolitan Realty (Bob, Frank and David Cruz-Beautiful Village Redevelopment Associates-917-299-7822). AIMCO sold property but retains liability with respect to tanks as per TRC Guder. Tank is 8000-gallon #2 fuel oil UST and tank was isolated and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING C (Continued)

S106385514

passed tank only test as per TRC Guder. Tank is a partially buried UST and not AST as registered. Two 6 recovery wells installed in recovery pit under sidewalk. Recovery pit filled with gravel. Recent monitoring of recovery wells shows that they have been dry since 11/3 and have been undergoing monthly monitoring. 12/12/08-Vought-Reviewed Subsurface Investigation and Spill Closure Report dated 12/8/08 and received on 12/9/08. History of investigation at Villa Hermosa includes the following: Building C failed tightness test on 3/5/04. Petroleum impacted soil excavation was performed to the depth of bedrock (approximately 4 feet below the vault slab floor and to the lateral extents of the vault. Six soil borings and two wells were installed. Bedrock excavation was steam cleaned in 11/08. Two wells were installed in excavation into the bedrock via pneumatic jackhammer. Monitoring on 12/2/08 showed no product in wells. (Note: DEC has opinion that free product has migrated beyond the structural boundaries of basement excavation due to excavation to structural limitations and installation of wells in solid bedrock will not yield free product due to non-storativity of bedrock and dominance of fracture flow in bedrock regime). Wells between Building C and DeSalles installed in 11/08. Groundwater present at a depth of 5' bg and wells installed to a depth of 13'. Screen depth is from 3 to 13' bg. Groundwater samples collected from wells in 11/08. Report concluded the following: the basement vault impacted by the fill line leak was excavated to bedrock and any remaining residual oil has been removed, the monitoring points installed in the excavation have been dry and free of LNAPL since they were installed on November 3, 2008, Historic and current groundwater data from groundwater monitoring wells located between the fill line leak and the DeSales property indicated that groundwater is not contaminated by petroleum. Therefore, TRC concludes that the fill line failure at the Villa Hermosa property was not the source of petroleum impacts observed in the basement of the adjacent DeSales property. Requests closure of spill. 04/10/09-Vought-Current file review by Vought: Letter from AIMCO Curll to DEC Vought-12/8/08. Repeated TRC conclusion that Villa Hermosa was not source of spill to DeSales and also forwarded copy of CD with report. Tank Tightness Test Report (TRC Curll)-12/26/08. The Site contains three distinct buildings, known as Buildings A, B and C. Each building contains a fuel oil fired boiler and a steel petroleum tank containing #2 fuel oil which is used to supply fuel to the boiler. Building 'A' contains a 7,500-gallon tank, Building 'B' contains a 6,000-gallon tank, and Building 'C' contains an 8,000-gallon tank. Each tank is located in the basement of the building and the bottom 2 feet of each tank is vaulted and encased in concrete on top of the basement floor. See the following spill numbers: Building A-0810009 (TTF) Building B-0810012 (TTF) Building C-0313381, 0809556 (TTF, soil excavation and well installation). As part of AMICO's divestiture of the property, the prospective purchaser (Metropolitan Realty Group, LLC.) performed tightness testing of all three tank systems on 11/21/08. ATS reported that all three (3) tank systems failed when utilizing the Mesa 2-D test system, which is an acoustical test system. Isolation and retesting and repair work performed by ProTest. All three manways were replaced on tanks since the manhole gasket material was observed to be deteriorated. All three (3) tanks were found to be tight or not leaking when utilizing the EXY-3 Locator Plus test system. The following describes the repair work: Building A- The fill line was not tight and was replaced. After repair the tank system tested tight

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. Building B- The overfill whistle/vent line was not tight. The cause of this leak was determined to be deteriorated fittings and these were replaced. After repair, the tank system tested tight . Building C-The overfill whistle/vent line was not tight. The cause of this leak was determined to be deteriorated fittings and these were replaced. After repair, the tank system tested tight . The report recommends closure of spill 0809556. Passing tightness tests included for Buildings A, B and C. Letter from AIMCO Curll to DEC-1/7/09. Request for closure of spill 0809556. Email from AIMCO Curll to Vought-2/17/09. Email requesting update on report review. Email from AIMCO Curll to Vought-3/17/09. Email requesting update on report review. Site contacts: Bob Perine Metropolitan Realty Group LLC 15 West 39th Street, 7th Floor New York, NY 10018 Ph:(212)835-9040 Fax:(212)835-9059 email:bperine@metreal.com Charles Guder TRC ph:(212)221-7822x137 fax:(212)221-7840 email:cguder@trcsolutions.com 04/15/09-Vought-Discussed site with DEC Krimgold and AST requirements apply as per PBS as such DEC requires submission of monthly inspection records for past five years. If records cannot be produced than borings will have to be performed to insure no release. Spill #0809556 at same location for same tank closed and referred to this open spill. 04/17/09-Vought-Sent out letter to above addresses requiring 1)Submission of updated PBS application 2)biweekly groundwater monitoring, determination of groundwater flow direction and quarterly submission of reports 3)submission of well construction logs 4)submission of soil excavation sidewall samples from Building C 5)submission of monthly inspection records for past ten years 6)submission of ten year inspection reports 7)collection of soil and groundwater samples around the partially buried AST . Letter also included clause that Spill fund contractor must absolutely be present to collect duplicate samples and witness all borings... . 04/21/09-Vought-Received email from Curll with proposed site visit date for meeting with consultants on 5/7/09. Vought forwarded email to Envirotrac to determine their availability as well with cc to Janeski. Site meeting set up for 5/7 at 11am. 5/7/09-Vought-Site visit by Vought. Onsite were: Charles Guder(TRC) 212-221-7822x103 Stephen Evanoff(AIMCO)303-691-4560 Bob Perine(Metropolitan)347-366-4386 John Knief(East Coast Petroleum)-718-402-5107 Mark Ataman(Envirotrac)-631-924-3001 Frank Grassellino(Metropolitan)-212-835-9040 Scott Jaffee(Metropolitan)-212-835-9040 John Perotti(Merrit Engineering)-718-767-0923 Dave Lorthior(EnviroTrac)-631-924-3001 Topics of discussion included reasons for denial of no further action and above DEC requirements. Vought also discussed either installation of borings or suggested (but did not require) tank removal and replacement with full ASTs in order to ensure no further spills via lack of whole tank monitoring capabilities. 6/1/09-Vought-Received email from TRC Guder with attached letter. Letter dated 5/28/09.the following activities will be performed: 1. The three petroleum tanks on the site will be modified into aboveground storage tanks (ASTs). The work will be performed by a licensed fuel oil boiler repair and installation firm; 2. The resulting tank excavations will be inspected by the owner, the owners representative and the NYSDEC or their representative; 3. If visible petroleum contamination (i.e. free product) is not identified, endpoint soil and or groundwater samples will be collected in accordance with DER-10 .. 4. If visible petroleum contamination (i.e free product)is identified, work will stop and the owner, owner's representative, and

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NYSDEC will confer to determine further actions . The property owner is ready to begin this work immediately . They will contact DEC or rep to inform them of work start date. 06/5/09-Vought-Received email from TRC Guder that tank conversions to begin on 6/15/08 and Envirotrac cc'd on email. Vought to perform site visit that day as well. DEC requires: 1)Cc to ATS, Envirotrac, Beautiful Village and Janeski 2)Inspection of soil under partially buried USTs during conversion to full ASTs 3)DEC contractor presence when performing soil investigation 4)Submission of TTF results including failing and passing tests. 5)Determination of groundwater flow direction. 6)Well construction logs. 7)endpoints and/or field observations or pictures of basement excavation sidewalls. 8)Continuation of quarterly groundwater monitoring. 9)Updating of PBS registration to tank location of aboveground-10% or more below ground. 10)Tightness testing of abandoned underground supply return lines 11)determine if well screen in MW3 is at adequate depth. 6/15/09-Vought-Site visit by Vought with Envirotrac (Lorthior and Ataman), TRC Guder and Metropolitan (Jaffe and Perine) and Eastcoast Petroleum. Eastcoast beginning to remove piping and will weld eye-hooks onto ASTs and use 3 train hosts to lift AST. AST will be emptied and cleaned prior to lift. Contractor will remove concrete around partially buried ASTs prior to lift and will order steel saddles for ASTs to sit on and will also put concrete under ASTs. 06/16/09-Vought-Received call from and spoke to TRC Guder who indicated that structural engineer was onsite this morning and TRC would keep Vought copied on results of inspection. 06/18/09-Vought-On vacation from 6/19 to 6/29. DEC Patel on 6/23 to: 1)call Envirotrac (Lorthior) to see if contamination found under lifted ASTs and to ensure adequate documentation as possible source for PIN at adjacent site. Vought onsite with TRC Kevin, Envirotrac Lorthior, Frank Grassellino(Metropolitan), Scott Jaffee(Metropolitan), Bob Perine(Metropolitan), John Knief(East Coast Petroleum). 5000-gallon UST in Building B was lifted and no free product encountered and no grossly contaminated product found. Tank underlain by concrete (possibly second floor) and Envirotrac and TRC collected endpoint samples witnessed by all. Envirotrac collected tens sidewall samples and TRC collected five samples. No signs of holes in tank and possible oil staining on one tank. Structural engineer also onsite. Vought also noticed two abandoned fuel oil supply return lines that run underground to adjacent building and Vought informed Jaffee that lines must be tightness tested. Also well that showed free product (MW3) screen depth to be checked to ensure that is straddles water table. Vought on vacation from 8/19-8/29 and site to be managed by DEC Patel. Scope of work for next week will be placement of concrete over tank lifted and reconnection of lines. 06/23/09-Hiralkumar Patel. 3:15 PM:- received email from Dave. lines will be tested on 06/24/09 and second tank will be lifted on 06/26/09 from building A. 06/24/09-Hiralkumar Patel. 11:50 AM:- spoke with Dave. he mentioned that instead of testing lines, owner choose to dug lines out. they are excavating today. there is someone from envirotrac and will collect samples. 1:30 PM:- visited site. met Bob, Kevin (TRC) and Dave Lorthior (EnviroTrac). employees of East Coast were exposing old lines. found three lines in each excavation from Buildings A,B,C: one old supply line, one most recent return line and one for gauge pipe. found odor in excavation for building A. will remove pipes tomorrow. 06/25/09-Hiralkumar Patel. 12 PM:- visited site. pipes removed from ground. Dave collected endpoint samples from building B area before i reached to the site. Dave mentioned that one

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area nearby tank room foundation wall found contaminated. there was clean sand right underneath the lines, but after removing couple of inches of soil, they found possible contamination. after building B, samples collected at building C. pipes removed from ground. found leak in area near boiler room foundation wall. strong odors noticed in soil. no other area in excavation found with contamination. collected endpoint samples. asked Dave to collect soil sample on other side of foundation wall inside boiler room (to see any migration of oil inside boiler room crossing foundation wall). during soil sample collection, found another old pipe running perpendicular to supply/return lines adjacent to foundation wall. found old pipe was ended in boiler room nearby pump area, but other end needs to be investigated. will excavate tomorrow to find out other end of pipe. this newly found old pipe runs towards building B, towards impacted site. Active return line was leaking evidenced by heavy soil contamination directly underneath the pipe and fresh product on pipe surface and pipe metal was flaking. after collecting samples at building C, collected samples at building A. found petroleum odors in soil about 3-4 ft away from boiler room foundation wall. tank in building A will be lifted on 06/29/09. asked Bob not to throw pipes away. 06/29/09-Hiralkumar Patel. 9:27 AM:- left message for Gavin (631-767-4228). 9:35 AM:- received call from Gavin. haven't started lifted tank at building A. Gavin checked area outside of boiler room at building C where old abandoned pipe found. contractor excavated about 4 ft of concrete nearby boiler room foundation wall. Gavin will look for any contamination. will excavate more to trace pipe end. 06/30/09-Vought-Site visit by Vought and onsite were Dave(Metropolitan), Marc(Envirotrac) and Wes Lindemuth(TRC). Vought inspected current status of all three building and noted that soil contamination noted at abandoned supply return lines in Buildings A and B and heavy soil contamination noted at active underground return line in Building C. Active return line in Building C was heavily deteriorated. Soil samples collected from under AST at building A and no PID or odors noted in soil. BUILDING B-old supply and active return line and line for petrometer removed, awaiting soil analyticals from ten endpoint soil samples, PID hit noted in soil sample, excavation depth to 2'bg and no water in excavation. BUILDING A-old supply and active return line and line for petrometer removed, awaiting soil analyticals from four endpoint soil samples, Soil contamination noted under lines, excavation depth to 2'bg and no water in excavation. BUILDING C-old supply and active return line and line for petrometer removed, awaiting soil analyticals, heavy gross soil contamination noted under lines near boiler room foundation and hole noted in active return line, excavation depth to 2'bg and no water in excavation. Four endpoint soil samples collected. 07/02/09-Vought-Site visit by Vought with Envirotrac Lorthior, TRC Lindemuth and Metropolitan (Dave)and soil samples collected from under UST at Building C. Vought noted active leak from AST (AST was emptied before lift) coming from bottom of UST. Approximate 2' patch of fresh free product on concrete underlaying void space under AST. Four endpoint samples collected by EnviroTrac and TRC. Vought spoke to Metropolitan Jaffee who requested to expedite center courtyard excavation and Vought discussed installation of test pits and or monitoring wells in courtyard. Meeting will be held with all parties once plans for center courtyard are finalized so that investigation and possibly remediation can coincide with courtyard development. 07/02/09-Vought-Sent email to Metropolitan, TRC and AIMCO requesting

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update on courtyard development schedule and also included following requirements to be performed by RP's: EnviroTrac-DEC 1) Inspection of soil under partially buried USTs and supply return lines during conversion to full ASTs and collection of endpoint samples. 2) DEC contractor presence when performing all soil investigations and sampling. 3) Determination of groundwater flow direction (surveying all monitoring wells). 4) Biweekly groundwater monitoring and quarterly groundwater sampling. 5) Submission of report with above information. 6) Interim ISR after completion of investigation by EnviroTrac and submission of report. 7) Examination of water table elevations in MW3 and MW4 and determination of screen depth via remote or well reinstallation of MW1 and MW2. AIMCO/Metropolitan-TRC 1) Submission of all TTF results including failing and passing tests. 2) Examination of water table elevations in MW3 and MW4 and determination of screen depth via remote or well reinstallation of MW1 and MW2. 3) Continuation of quarterly groundwater monitoring. 4) Updating of PBS registration to tank location of aboveground-10% or more below ground. 5) Excavation of contaminated soil if present (pending receipt of lab analyticals) around ASTs and/or piping runs 6) Well installation at areas of contamination once soil analyticals are received. 7) Installation of wells and/or test pits in center courtyard that is rescheduled for paving upon concurrence with DEC. 8) Repair and inspection of AST at Building C prior to fill due to leak observed on 7/2. 9) DRO and GRO on further soil samples. 07/7/09-Vought-Received email from TRC Guder including well construction logs for MW3 and MW4. MW1 and MW2 are of unknown construction as they were installed by others. Well installation logs for MW3 and MW4 shows screen from 3'bg to 13'bg. 07/09/09-Vought-Received email of soil results from Envirotrac and had them forwarded to all parties. Soil analyticals show the following concentrations above lab method detection limits suggesting that a spill did occur: 16ppb toluene(LB1), 20ppb 1,3,5-trimethylbenzene(LB1), 10ppb 4-isopropyltoluene(LB1), 1.7ppb sec-butylbenzene(LB2), 51ppb naphthalene(LB2), 4ppb ethylbenzene(LA3), 29ppb xylene(LA3), 68ppb 1,3,5-trimethylbenzene(LA3), 56ppb 1,2,4-trimethylbenzene(LA3), 56ppb naphthalene(LA3), 3.3ppb toluene(LA1), 2.6ppb xylene(LA1), 7.3ppb 1,3,5-trimethylbenzene(LA1), 6.5ppb 1,2,4-trimethylbenzene(LA1), 150ppb naphthalene(LA1), .20ppb toluene(LA2), 1.7ppb xylene(LA2), 4.9ppb 1,3,5-trimethylbenzene(LA2), 2.4ppb 1,2,4-trimethylbenzene(LA2), 340ppb naphthalene(LA2), 35ppb toluene (LC1), 210ppb xylene(LC1), 110ppb 1,3,5-trimethylbenzene(LC1), 420ppb 1,2,4-trimethylbenzene(LC1), 1200ppb naphthalene(LC1), 26ppb toluene(LC2), 79ppb ethylbenzene(LC2), 420ppb xylene(LC2), 1000ppb 1,3,5-trimethylbenzene(LC2), 4300ppb 1,2,4-trimethylbenzene(LC2), 25000ppb naphthalene(LC2). 07/23/09-Vought-Received email cc of FOIL request submitted to DEC Records Access Officer from John Osborn PC (Mark Pennington Ph:914-741-9870 Fax:914-741-9875) for specific records. 07/24/09-Vought-Received letter via email from Pennington that he was copied on email request for update on courtyard development and that Based on information, provided to date AIMCO cannot agree to this request. We need more information to understand DEC's position. We do not have a clear understanding of the screen depth concern, or of the purpose of this testing. Given the results of the extensive testing and site investigation performed by TRC to date, we have difficulty understanding why the Department is looking to AIMCO or Metropolitan Realty to perform or pay for the testing the Department proposes .

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Request for meeting and FOIL request also included. In the interim, TRC is making plans to take well elevations and analyze groundwater flow information at the site, which should be accomplished within the next several weeks. Request for update on FOIL request (to be handled by DEC Abdelsadek) and meeting times. 07/29/09-Vought-DEC Urda and Vought called and spoke with Pennington and informed him that FOIL request was received and being processed (Vought confirmed with DEC Abdelsadek that he had the FOIL request). DEC also requested that meeting take place once report with soil analyticals and groundwater flow direction received from EnviroTrac and Pennington concurred. Vought called and spoke to EnviroTrac (Lorthior) and confirmed that he was actively working on report submission including flow direction determination. 07/30/09-Vought-Note that site still on ISR Hotlist due to age of spill. After discussion with NYSOAG Buss and Riggi and RP must be identified to toll the 6 year statute of limitations for cost recovery and as such an RP must be included on an ISR. AG Riggi requested that ISR be sent up naming RPs with note that groundwater flow direction needed to be examined before initial demand letters sent. Vought and DEC Urda called and spoke to Pennington and informed him that DEC will wait until report including soil endpoint samples and groundwater flow direction is received from EnviroTrac prior to scheduling meeting. Vought also confirmed with DEC Abdelsadek that he did receive FOIL request and is processing and conveyed same information to Pennington. Vought and Urda spoke with AG Riggi who requested that ISR be sent with RP information and note that groundwater flow direction must be examined prior to sending initial demand letters. Riggi also requested that file be scanned and transmitted electronically. Received email request from TRC Guder notifying DEC Lorthior that their surveyor GEOD will be onsite on Monday (8/3/09) to survey wells. Request to confirm that sidewalk wells are in the overburden. Vought spoke to Lorthior and GEOD survey method requires that data processing may not be made available to DEC and as such Vought instructed Lorthior to perform groundwater survey independently if every step of groundwater flow direction cannot be independently confirmed via data processing. 08/04/09-Vought-Sent email to Lorthior and Guder with attachment of portion of report from Summary Findings and Field Activity Report (9/13/04) of written description of well installation (note no boring logs or well construction logs available). Vought Edocd file for FOIL request. 08/05/09-Vought-Called and spoke to Lorthior who was onsite during groundwater flow determination by TRC. As per Lorthior, no independent ways of conferring calculations and as such Vought required independent groundwater flow determination. Concrete was being broken in concrete starting from south end and pipe sticking out of ground. Report should be received from EnviroTrac within two weeks. Vought called Scott Jaffee(Metropolitan)-212-835-9040 and left message to return call to discuss necessity of soil excavation of contaminated soil in courtyard (Vought attempting to avoid redevelopment of courtyard followed by excavation of new concrete and contaminated soil at later date). Vought received callback from Jaffee and discussed courtyard development and need for soil excavation and possibly monitoring wells and or test pits. Jaffee will put development on hold until reports are received and determination of further action can be made. 08/18/09-Vought-Received email from NYSOAG Riggi that NYSOAG Alison Pesca will be assigned to cost recovery case. 08/26/09-Vought-Received email from EnviroTrac (Lorthior) that David Ortiz from Villa Hermosa wants assurance from

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DEC that tanks could be placed back into service. Vought called Ortiz (917-299-7822) and left message informing him that tanks could be placed into service as long as they met FDNY and DOB guidelines, passed a tightness test after the replacement of lines and that PBS registration was updated. 09/21/09-Vought-Reviewed draft investigation report submitted by EnviroTrac for piping run endpoint samples and AST removal samples (see 7/9/09 comments above), updated groundwater flow direction and sent comments back to EnviroTrac. Report concludes The removal of the subsurface piping at the site indicated that the return line for Building C was leaking , the presence of fuel oil compounds at the return lines for Buildings A and Building B despite being below current RSCO's', indicate a historical release of petroleum at these locations , soil samples collected beneath the tanks exhibited concentrations of petroleum associated SVOCs... , Groundwater in portions of the site appears to be migrating towards DeSales , Free phase product has been detected in some of the wells (MW3, MW4 and DEC-2) on an intermittent basis , Construction details for MW3 and MW4 are unavailable . Report recommends installation of wells west of Building B (between building B and DeSales courtyard, determination of construction of MW3 and MW4 with possible reinstallation, investigation of piping at Building C, continuation of biweekly monitoring and sampling and testing of all tanks and pipes as part of return to service. Meeting set up for 10/25 at 10am with DEC Austin, DEC Urda, NYSOAG Pesca, AIMCO Pennington and TRC Guder at Region 2 offices to discuss next step and cost recovery actions. 9/22/09-Vought-Reviewed email from TRC Guder dated 9/17/09 including well logs for MW1 and MW2, TRC split soil samples from piping endpoint samples, split samples from groundwater samples and groundwater contour map. Well construction logs for MW have 2' casing and 23' screen length and MW has 3' casing with 17' screen length. Groundwater contour map using wells MW1, MW2 and MW3 shows groundwater flow to the west toward fifth avenue. MW4 not used in groundwater contours. No site plan included with soil sample locations and as such cannot determine where samples collected from. Vought sent email to Guder requesting site plan with sampling locations. 9/24/09-Vought-Meeting scheduled at DEC on 10/25 at 10am with Pennington, Guder, AIMCO, DEC Austin, DEC Urda, Vought, EnviroTrac and NYSOAG Pesca. Received email from TRC Guder including site plan with sampling locations, requesting EnviroTracs survey information, note that he will provide his survey information and well construction logs for MW3 and MW4. Note that screen starts at 3'bg and groundwater data from EnviroTrac shows elevations at 2.79'bg(6/22/09), 2.85'bg(6/10/09), 2.9'bg(8/3/09) and as such this well is not suitable for collection of groundwater samples and monitoring. Vought reviewed split sample results from piping samples and noted that endpoint samples were missing from TRC for locations BB-PIPE-EP, BA-PIPE-EP, VH-BA-Ep-3, VH-BA-EP1, VH-BA-EP-2, BC-PIPE-EP. Soil analyticals show detections of compounds particular to fuel oil (despite being below TAGM RSCO's) including: 22ppb naphthalene(VHBBEP1), 77ppb phenanthrene(VHBBEP1), 29ppb naphthalene(VHBBEP2), 119ppb phenanthrene(VHBBEP2), 133ppb phenanthrene(VHBBEP4), 2ppb naphthalene(VHBCEP2), 541ppb phenanthrene(VHBCEP2), 16ppb acenaphthene(VHBCEP2), 82ppb anthracene(VHBCEP2), 83ppb anthracene(VHBCEP1), 70ppb phenanthrene(VHBCEP1). TRC groundwater data shows flow to the southwest however groundwater gradient map does not account for sump pit influence and must be resubmitted. Vought sent reply to TRC Guder

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with cc to all requesting survey info from EnviroTrac and also noted that both groundwater maps of EnviroTrac and TRC do not take account the operational sump of DeSales (which may cause component of groundwater flow directly from Villa Hermosa to DeSales) and possible sump in 1255 5th avenue. Vought called Janeski who confirmed presence of sump and that it operated frequently during rain events and turned on at various times throughout day (operated by float switch). Vought sent email to all parties noting fact that sump was not taken into account in flow maps. Janeski also mentioned that he could arrange site access for 1255 5th avenue (coop president is Gerald Buschell and no PBS registration for site) on 9/25 at 8am. Vought called and arranged site visit at 8am with EnviroTrac and left message of same for TRC Guder. Note meeting at DEC at 10am after site visit. Vought received callback from and spoke to TRC Guder who noted that he would not be able to attend site visit but stated there was no need for him to be there as DEC would be performing inspection.

09/25/09-Vought-Site visit by Vought and EnviroTrac(Lorthior) to DeSales and 1255 5th Avenue for inspection of sump. Vought and Lorthior met with Janeski and DeSales Super (Faton Halili) and inspected sump pit. Pit has numerous pipes leading to cinderblock lined box. Water surface present at 3' below grade in pit. As per Halili the sump only services piping that runs under basement floor but he is unsure of layout of piping. Janeski has building plans available for later inspection. Halili noted that basement has not flooded for years but was onsite for the oil seepage in 2003 which occurred during exceptionally heavy rains events. During one of the past flooding events Halili and super of 1255 5th Avenue (Peter) measured depth of basements below grade and determined that both basement floors are at same depth below grade. Halili pumped sump dry and depth to bottom is approximately 5'bg and cannot determine bottom of sump as filled with debris. No oil or oil staining observed in sump (possibly due to oil impact occurring 5 years ago). Vought and Lorthior inspected 1255 5th avenue and met with doorman (Ismael) who has been onsite for past 15 years. Ismael indicated building is using natural gas for the past 15 years and has never had an oil impact. Two sumps located in basement of 1255 5th avenue. Envirotrac (Lorthior) provided hard copy of Investigation Report (see notes from 9/21/09 above). 9/25/09-Vought-09/29/09-Vought-See spill number 0313381 (Villa Hermosa) for more information. Investigation by EnviroTrac at 1600 Madison Avenue (Villa Hermosa Spill 0313381, 0810009, 0810012) indicate that Villa is potential responsible party. Site visit by Vought and Lorthior to inspect sumps as well as inform Janeski of updates and perform basement inspection. Vought noted that impacted basement area was being used for rest areas of custodial staff with no additional seepage of petroleum but slight petroleum odor noted only in custodial area. Meeting at 9/25 at DEC offices between DEC, NYSOAG and Villa Hermosa reps. Meeting was held at DEC on 9/25 including DEC Vought, DEC Austin, DEC Urda, NYSOAG Alison Pesca, EnviroTrac Lorthior, TRC Guder(212-221-7822), Mark Pennington (917-456-0747) attorney for AIMCO-prior owner of Villa Hermosa) and AIMCO Stephen Evanoff(303-691-4560). Pennington indicated that there was no method of transport to DeSales and Vought mentioned that transport mechanism was groundwater. Decision reached to send STIP to Villa Hermosa for spill at Building C and also to send letter to Villa Hermosa informing them that work below will start on DeSales (as Villa Hermosa currently not willing to accept responsibility). Vought will draft STIP requirement for review by Austin and Urda and

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will also contact DJaneski and EnviroTrac to arrange scope of work that State funded contractor (EnviroTrac) will need to perform to restore basement (epoxy and drywall removal) of DeSales and install upgradient wells on Villa Hermosa property. Vought sent email to Janeski with notes from 9/29 above and FOIL request information. 09/29/09-Vought-Sent spill number 0313381 (Villa Hermosa) for more information. Investigation by EnviroTrac at 1600 Madison Avenue (Villa Hermosa Spill 0313381, 0810009, 0810012) indicate that Villa is potential responsible party. Site visit by Vought and Lorthior to inspect sumps as well as inform Janeski of updates and perform basement inspection. Vought noted that impacted basement area was being used for rest areas of custodial staff with no additional seepage of petroleum but slight petroleum odor noted only in custodial area. Meeting at 9/25 at DEC offices between DEC, NYSOAG and Villa Hermosa reps. Meeting was held at DEC on 9/25 including DEC Vought, DEC Austin, DEC Urda, NYSOAG Alison Pesca, EnviroTrac Lorthior, TRC Guder(212-221-7822), Mark Pennington (917-456-0747) attorney for AIMCO-prior owner of Villa Hermosa) and AIMCO Stephen Evanoff(303-691-4560). Pennington indicated that that there was no method of transport to DeSales and Vought mentioned that transport mechanism was groundwater. Decision reached to sent STIP to Villa Hermosa for spill at Building C and also to send letter to Villa Hermosa informing them that work below will start on DeSales (as Villa Hermosa currently not willing to accept responsibility). Vought will draft STIP requirement for review by Austin and Urda and will also contact DJaneski and EnviroTrac to arrange scope of work that State funded contractor (EnviroTrac) will need to perform to restore basement (epoxy and drywall removal) of DeSales and install upgradient wells on Villa Hermosa property. Vought sent email to Janeski with notes from 9/29 above and FOIL request information. 10/13/09-Vought-Drafted STIP with CAP including submission of passing and failing tank tests, reinstallation of MW3 and biweekly monitoring and quarterly groundwater sampling and submitted for review to DEC Urda an Austin. STIP to be sent to: Stephen Evanoff, PE, BCEE, CSP Aimco 4582 S Ulster Street Parkway Suite 1100 Denver, CO 80237 stephen.evanoff@aimco.com Office: 303.691.4560 Mobile: 303.884.1889 Fax: 303.300.3298 Vought called and spoke to Janeski and informed him that Vought would send email to him requesting approval to begin basement work. 10/14/09-Vought-Sent email to Janeski with CC to Pennington, Guder, Austin, Urda, Pesca requesting finalization of basement renovation plans for DeSales so that Department could perform work. Vought sent out STIP to AIMCO Evanoff for cleanup at Building C with deadline of submission of 11/16/09. CAP included reinstallation of MW3, biweekly monitoring and quarterly groundwater sampling and submission of passing and failing test results. Vought sent out Spill closure letters to Evanoff for spills number 0810009 and 0810012 as no cleanup required due to no TAGM 4046 Required Soil Cleanup Objective exceedences (albeit petroleum detections indicating a historical spill did occur). Vought sent email copy of STIP to Pennington and also requested access for EnviroTrac to install wells immediately upgradient of DeSales at Building B rear alleyway. Vought sent email request to TRC Guder requesting resubmission of updated groundwater map, facilitating access to DeSales if he wishes to survey sump elevation and requesting additional split sample analyticals BB-PIPE-EP, BA-PIPE-EP, VH-BA-EP-3, VH-BA-EP1, VH-BA-EP-2, BC-PIPE-EP. Vought sent email to Envirotrac Lorthior requesting resubmission of groundwater contour map.

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VILLA HERMOSA APTS - BUILDING C (Continued)

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10/21/09-Vought-Received split sample analyticals from TRC Guder for BB-PIPE-EP, BA-PIPE-EP, VH-BA-EP-3, VH-BA-EP1, VH-BA-EP-2, BC-PIPE-EP. Soil analyticals show: .59ppb ethylbenzene(BB-PIPE-EP), 2.1ppb 1,3,5-trimethylbenzene(BB-PIPE-EP), 1.0ppb xylene(BB-PIPE-EP), 334ppb phenanthrene(BB-PIPE-EP), 94.6ppb benzene(BC-PIPE-EP), 2680ppb ethylbenzene(BC-PIPE-EP), 17800ppb naphthalene(BC-PIPE-EP), 25300ppb 1,2,4-trimethylbenzene(BC-PIPE-EP), 19300ppb xylene(BC-PIPE-EP), 25.8ppb benzene(BA-PIPE-EP), 670ppb ethylbenzene(BA-PIPE-EP), 5520ppb naphthalene(BA-PIPE-EP), 199ppb toluene(BA-PIPE-EP), 4890ppb xylene(BA-PIPE-EP), 205ppb phenanthrene(VH-BA-EP-1), 17ppb naphthalene(VH-BA-EP-2), 488ppb phenanthrene(VH-BA-EP-2), 23ppb xylene(VH-BA-EP-3), 12900ppb phenanthrene(VH-BA-EP-3).

10/21/09-Vought-Requested groundwater contour map from TRC Guder that Considering the discrepancies between the groundwater flow maps generated by Envirotrac and TRC the last time we provided groundwater flow analysis, it might be best to have only Envirotrac generate the flow map, to avoid the time and expense of trying to resolve potential additional discrepancies. However, if you could have David let me know when Envirotrac goes out to DeSales to gauge the sumps, we might (probably) want to observe . Vought replied with email with cc to Envirotrac that DEC will let TRC know of gauge dates and that DEC would require groundwater flow maps if contamination at Building C encountered water table. Finally, if the NYSDEC could provide Envirotrac's groundwater flow map when it is generated so we can review, it would be appreciated. 11/2/09-Vought-Received call from Wayne Miller (Prudential 770-395-8498) who is has provided loan to Metropolitan Realty. Vought discussed spill history, potential responsible parties and requirements for closure of this spill and also for cleanup at DeSalles (Spill 0310458). Miller mentioned that Prudential lending a large amount of money to Metropolitan Realty for upgrades (approx 54 million) and they are concerned with open spill and potential lien on property. 11/5/09-Vought-Initial Demand Letters from NYSOAG Pesca to AIMCO, Metropolitan Realty and BVRC Management Co 11/6/09-Vought-Spoke with NYSOAG Pesca and she received call from and spoke to Pennington as he inquired as to scope of work requirements on DeSalles. Vought noted that epoxy seal and dry wall removal was minimal requirements and further wells between DeSalles and source site (Villa Hermosa) will not be needed if responsibility is accepted for DeSalles cleanup and past costs.

11/10/09-Vought-Received email from AIMCO Evanoff with attached response to DEC Stipulation Agreement dated 10/14/09. We have identified several technical issues that we believe require clarification in the Corrective Action Plan (CAP) document. In addition we have a few process related concerns we would like to see addressed in the document. In summary we would like to see changes in the language of the CAP to address the following issues: Paragraph 1:Include a definition of separate phase hydrocarbons Paragraph 1:Clarify the range of acceptable interim remedial actions is separate phase hydrocarbons are observed in groundwater Paragraph 2:Clarify under what circumstances off-site sampling would be required. Paragraph 2: Modify the language about groundwater monitoring and sampling and make it clear that such monitoring/sampling would be for a finite period of time and clarify the criteria for ending the sampling/monitoring program. Paragraph 6: Include a standard for DE review of submittals for resolving disputes. Request for meeting with DEC Vought, TRC Guder and Evanoff to discuss the scope of the remedial investigation and the CAP.

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VILLA HERMOSA APTS - BUILDING C (Continued)

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11/14/09-Vought-Received email from TRC Guder requesting meeting to review draft scope of work and discuss proposed revisions to CAP. Meeting to be technical only. 11/19/09-Vought-Received email request from Scott Jaffee (Metropolitan Realty) requesting meeting with himself and his environmental consultants (Chuck Meritt-Meritt Engineering Mark Robbins-HydroTech). 11/24/09-Vought-Called and spoke to TRC Guder and also sent reply that Vought available week of 12/7 to meet. Called and spoke to Jaffee and agreed to one private meeting as well during week of 12/7. Jaffee also requested 30 day NYSOAG Initial Demand Request and Vought spoke to Urda and Pesca and they agreed to request as long as letter is received from Villa Hermosa representative acknowledging that the new deadline is 1/7/10. 12/7/09-Vought-Received copy of letter from Jaffee to NYSOAG Pesca requesting 30 day deadline extension of Initial Demand Letter. Meeting set with Jaffee (Metropolitan Realty), HydroTech and Merritt Engineering at DEC offices at 12/8 at 11:00am. 12/8/09-Vought-Called TRC Guder (Cell:646-660-1020) and spoke to Guder and he said that Metropolitan and AIMCO will be most likely be splitting remedial costs and costs incurred to Fund. After DEC meeting with Metropolitan Realty, Jaffee will follow up with AIMCO to discuss possible remedial action and cost recovery. Meeting at DEC with Metropolitan (Jaffee), HydroTech (Robbins) and Meritt (Chuck Meritt 631-617-6200). Vought discussed history of this spill number and spill number 0310458 and discussed scope of work including remediation of contamination found at building C and restoration of basement at DeSalles. Jaffee will discuss DEC requirements and STIP with his coworkers and AIMCO and respond to DEC and outstanding STIPULATION by 12/22. 1/5/10-Vought-Received call from and spoke with Metropolitan (Jaffee). He is finalizing agreement to take over cleanup from AIMCO. Once agreement is finalized he will sign and submit STIP to DEC. Hydrotech to also send in proposal for excavation and collection of endpoint samples at Building C as well as restoration of DeSalles basement. Jaffee also confirmed that he performed site visit to DeSalles and met with Janeski and reviewed scope of restoration. 1/6/10-Vought-Received call from and spoke to Jaffee and he is now in control of all remedial work and cost recovery issues as opposed to AIMCO. Jaffee requested copy of STIP so that he could sign and return it to DEC. He also noted that Vought would receive call from HydroTech Mark Robbins with regards to both the investigation/remediation at Building C as well as the restoration of the DeSalles basement. Jaffee also noted that he spoke with NYSOAG Pesca with regards to reimbursing Spill Fund for past costs and Pesca noted to Jaffee that she would have to confer with DEC on whether interest would be sought along with principal. Vought sent copy of STIP to Jaffee via email. Vought called and spoke to NYSOAG Pesca who indicated that she is seeking interest which is in agreement with prior discussion with DEC Austin and Vought. Pesca drafting settlement agreement and will send to Vought for review prior to sending to Jaffee. 1/11/10-Vought-STIP submitted to DEC Oliva for signature. 01/15/10-Vought-Received email with settlement agreement with Metropolitan from NYSOAG Pesca. Vought noted that as per recent conversation with EnviroTrac (Lorthior) that they have an additional 5K of bills to be submitted for reimbursement. Vought received copy of proposal for investigation/remediation at Building C and restoration Plans for DeSalles and requested a copy be sent to Janeski (restoration only) for his review and approval. Monies received for reimbursement to Fund as well. Vought reviewed proposal

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VILLA HERMOSA APTS - BUILDING C (Continued)

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from HydroTech dated 1/14/10 and covered scopes for both Impact In Area of Building C and DeSalles Property Spill. Letter is addressed to Jaffee and includes cost proposal as well. Scope of work at Building C includes: Use of backhoe to excavate soil and collect endpoint samples (a total of five samples) for 89260/8270 with collection of bottom groundwater sample. A Remedial Action Report will be submitted to DEC. Proposal for DeSalles Restoration includes use of a DEC approved Epoxy Novolac Coating to seal bottom three feet of common wall between Villa Hermosa and DeSalles, note that HydroTech will need completed unobstructed access to all basement floor areas, Floor will be sanded/scoured with a concrete grinding machine and then application of primer followed by two coats of Novolac Epoxy. Vought sent email and spoke to Robbins noting approval of Plan pending inclusion of (minimum of five endpoint samples but final number to be determined in consultation with the DEC project manager) for excavation at Building C; inclusion of DEC will be notified to perform site visit to inspect excavation; confirmation of drywall removal at DeSalles; ventilation to prevent epoxy odors. HydroTech will submit ammended RAP to DEC. 2/2/10-Vought-Received email from HydroTech (Matli) that we will be performing the soil excavation at the above spill site on Tuesday, Feb 2nd, 2010. I will contact you on Monday, should this schedule is canceled due to an emergency. Once the fieldwork starts on Tuesday, I will call to notify you of the our presence at the site as we previously discussed. Our plan is to excavate and backfill the same day, after your inspection of the excavation. Vought sent note to all parties noting continued requirement of removal of drywall over all former seepage areas, installation of ventilation system to prevent epoxy. Vought also sent email to Janeski requesting review of proposed basement restoration plan. Site visit by Vought as limits of excavation reached as per Matli. Vought noted contaminated (dark grey/black) soil under footing wall of Building C however water seepage from point directly under stained area showed no sheen or free product. Vought required collection of five endpoint samples (four soil and one bottom groundwater). Results to be submitted to DEC. 3/11/10-Vought-Reviewed Remedial Action Report from HydroTech (Matli) dated 3/3/10. Excavation report including collection of three soil sidewall endpoint and one bottom groundwater endpoint samples. A total of 8.82 tons of soil were removed from the site. Excavation to the south limited by building foundations, to the west by a masonry wall and to the east and north until no more petroleum contaminated soil was encountered. Final excavation was 9'x 6' x 5'deep. No sheen was observed on the groundwater which accumulated in the bottom of the excavation pit. Soil analyticals show detections of petroleum contamination all below TAGM 4046 Required Soil Cleanup Objectives. Groundwater analyticals show detections of petroleum contaminants below TOGS 1.1.1 Groundwater Standards. Vought replied with email that for issuance of Spill Closure Letter the below requirements are needed. Vought also called and left message to Jaffee to return call to discuss Bill payment and RAP approval. 3/11/10-Vought-Received notice of bill payment from DEC Ligasse despite agreement of Metropolitan Realty to cover costs. Vought called and spoke to EnviroTrac who noted that billing issues should be referred to EnviroTrac Alisa Bubb. Vought sent copy of invoice to Jaffee and requested he contact Bubb for payment. Vought also sent email to DEC Ligasse to NOT pay bill. Vought received reply from Jaffee that Thanks for the e-mail don't quite understand it, would like to

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VILLA HERMOSA APTS - BUILDING C (Continued)

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Remarks: discuss the technical aspect of it. Also wondering and hoping you had a chance to review the Hydrotec Report and hoping and wondering. That I can receive the NFA letter and when you think I could get it. I don't have to tell you that the letter would be a great burden lifted for me. Thanks and looking forward to speaking to you soon . Vought received reply from Janeski to Matli that Paul, With the confirmation from Jeff that you will remove and replace the walls, we are ready. 3/15/10-Vought-Received call from and spoke to Jaffee who requested closure of this spill number and noted his continual agreement to perform restoration at DeSalles. Vought discussed with DEC Urda and DEC will send out STIP to Jaffee with CAP for DeSalles Basement restoration. Vought called EnvioTrac(Bubb) to see if she was contacted by Jaffee for bill payment. Bubb indicated that she had not been contacted by Jaffee to date. Vought copied on email from Jaffee to Bubb noting contact information for issuance of new bill. Vought discussed spill closure with DEC Austin and Urda and DEC will close this spill and issue separate STIP for basement restoration under spill #0310458. See spill #0310458 for further info on DeSalles basement restoration. Onsite meeting with Jaffee, Janeski and Perin and Jaffee signed STIP for restoration at DeSalles and Vought signed Spill Closure Letter for this spill. Spill closed by Vought. "

"TIM DEMEO REQUESTED TO DO THE TANK TEST. MAY HAVE TO DO ISOLATION TEST IN THE FUTURE WAITING FOR THE CUSTOMER TO DECIDE WHETHER OR NOT THEY ARE GOING TO USE THEM OR NOT."

All TTF:

Facility ID: 0313381
Spill Number: 0313381
Spill Tank Test: 1529026
Site ID: 149717
Tank Number: 2
Tank Size: 5000
Material: Not reported
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

**O212
SW
1/8-1/4
0.157 mi.
827 ft.**

**VILLA HERMOSA APTS - BUILDING B
2-20 EAST 108TH STREET
NEW YORK, NY 10029
Site 5 of 9 in cluster O**

**NY LTANKS S109374798
N/A**

**Relative:
Lower
Actual:
17 ft.**

LTANKS:
Facility ID: 0810012
Site ID: 407520
Closed Date: 2009-10-14
Spill Number: 0810012
Spill Date: 2008-11-21
Spill Cause: Tank Test Failure

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VILLA HERMOSA APTS - BUILDING B (Continued)

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Spill Source: Non Major Facility > 1,100 gal
Spill Class: Not reported
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jbvought
Referred To: Not reported
Reported to Dept: 2008-11-24
CID: Not reported
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: 2008-12-08
Spill Record Last Update: 2009-10-14
Spiller Name: JESSE CURLL
Spiller Company: AIMCO
Spiller Address: 639 GRANITE STREET
Spiller County: 999
Spiller Contact: JESSE CURLL
Spiller Phone: (781) 849-1471
Spiller Extention: 105
DEC Region: 2
DER Facility ID: 356768
DEC Memo: "12/08/08-Vought-SEE ALSO OPEN SPILL NUMBERS 0313381, 081009, 0809556, 0810012 for other failures in same apartment complex. THIS SITE POSSIBLE SOURCE TO OPEN SPILL AND OPEN PIN 0310458. Left message for Advanced Tank Services(ATS)Laura Capelli (800-440-8265) to fax tank tightness test results. Vought received tightness test results and Vought received three results from three different tanks respectively (one with fill pipe in Madison Avenue, one with fill pipe on 107th street and one with fill pipe on 108th street). Vought opened up two additional spill numbers as failures in separate addresses as per property shark. Vought sent out TTFs with cc to property owner and below requirements to: Mr. Jesse Curl AIMCO - Boston 639 Granite Street, Suite 312 Braintree, MA 02184 Fax:(781) 849-7652 Phone:(781) 849-1471x105 12/9/08-Vought-Site visit by Vought with Envirotrac (Lorthior), TRC Guder, TRC Eva, Metropolitan Realty (Bob, Frank and David Cruz-Beautiful Village Redevelopment Associates-917-299-7822). AIMCO sold property but retains liability with respect to tanks as per TRC Guder. Tank is 8000-gallon #2 fuel oil UST and tank was isolated and passed tank only test as per TRC Guder. Vent line compressor fittings replaced on tank. Tank, supply/return and fill lines were isolated and passed test. Tank previously tested in 2005. Tank is a partially buried UST and not AST as registered. DEC requires TTF letter: 1)Cc to ATS, Beautiful Village, Envirotrac and Janeski. 2)USTs associated requirements or investigation via soil borings. 3)DEC presence when performing soil investigation adjacent to UST 4)Submission of Updated PBS registration. 5)Fingerprinting at both sites if well installation at Villa Hermosa shows presence of petroleum contamination. 6)call to Metropolitan and if determination that tanks will remain USTs then associated UST requirements. If wish to register tanks as ASTs then excavation and replacement of tanks required. 7)submission of TTF results including failing and passing tests. 04/10/09-Vought-Current

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VILLA HERMOSA APTS - BUILDING B (Continued)

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file review by Vought: Tank Tightness Test Report (TRC Curll)-12/26/08. The Site contains three distinct buildings, known as Buildings A, B and C. Each building contains a fuel oil fired boiler and a steel petroleum tank containing #2 fuel oil which is used to supply fuel to the boiler. Building 'A' contains a 7,500-gallon tankm Building 'B' contains a 6,000-gallon tank, and Building 'C' contains an 8,000-gallon tank. Each tank is located in the basement of the building and the bottom 2 feet of each tank is vaulted and encased in concrete on top of the basement floor. See the following spill numbers: Building A-0810009 (TTF) Building B-0810012 (TTF) Building C-0313381, 0809556 (TTF, soil excavation and well installation). As part of AMICO's divestiture of the property, the prospective purchaser (Metropolitan Realty Group, LLC.) performed tightness testing of all three tank systems on 11/21/08. ATS reported that all three (3) tank systems failed when utilizing the Mesa 2-D test system, which is an acoustical test system . Isolation and retesting and repair work performed by ProTest. All three manways were replaced on tanks since the manhole gasket material was observed to be deteriorated . All three (3) tanks were found to be tight or not leaking when utilizing the EXY-3 Locator Plus test system . The following describes the repair work: Building A- The fill line was not tight and was replaced. After repair the tank system tested tight . Building B- The overfill whistle/vent line was not tight. The cause of this leak was determined to be deteriorated fittings and these were replaced. After repair, the tank system tested tight . Building C-The overfill whistle/vent line was not tight. The cause of this leak was determined to be deteriorated fittings and these were replaced. After repair, the tank system tested tight . The report recommends closure of spill 0809556. Passing tightness tests included for Buildings A, B and C. Letter from AIMCO Curll to DEC-1/7/09. Request for closure of spill 0809556. Email from AIMCO Curll to Vought-2/17/09. Email requesting update on report review. Email from AIMCO Curll to Vought-3/17/09. Email requesting update on report review. Site contacts: Bob Perine Metropolitan Realty Group LLC 15 West 39th Street, 7th Floor New York, NY 10018 Ph:(212)835-9040 Fax:(212)835-9059 email:bperine@metreal.com Charles Guder TRC ph:(212)221-7822x137 fax:(212)221-7840 email:cguder@trcsolutions.com 04/15/09-Vought-Discussed site with DEC Krimgold and AST requirements apply as per PBS as such DEC requires submission of monthly inspection records for past five years. If records cannot be produced than borings will have to be performed to insure no release. Spill #0809556 at same location for same tank closed and referred to this open spill. 04/17/09-Vought-Sent out letter to above addresses requiring 1)Submission of updated PBS application 2)biweekly groundwater monitoring, determination of groundwater flow direction and quarterly submission of reports 3)submission of well construction logs 4)submission of soil excavation sidewall samples from Building C 5)submission of monthly inspection records for past ten years 6)submission of ten year inspection reports 7)collection of soil and groundwater samples around the partially buried AST . Letter also included clause that Spill fund contractor must absolutely be present to collect duplicate samples and witness all borings... . 04/21/09-Vought-Received email from Curll with proposed site visit date for meeting with consultants on 5/7/09. Vought forwarded email to Envirotrac to determine their availability as well with cc to Janeski. Site meeting set up for 5/7 at 11am. 5/7/09-Vought-Site visit by Vought. Onsite were: Charles Guder(TRC) 212-221-7822x103

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VILLA HERMOSA APTS - BUILDING B (Continued)

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Stephen Evanoff(AIMCO)303-691-4560 Bob
Perine(Metropolitan)347-366-4386 John Knief(East Coast
Petroleum)-718-402-5107 Mark Ataman(Envirotrac)-631-924-3001 Frank
Grassellino(Metropolitan)-212-835-9040 Scott
Jaffee(Metropolitan)-212-835-9040 John Perotti(Merri
Engineering)-718-767-0923 Dave Lorthior(EnviroTrac)-631-924-3001
Topics of discussion included reasons for denial of no further action
and above DEC requirements. Vought also discussed either installation
of borings or suggested (but did not require) tank removal and
replacement with full ASTs in order to ensure no further spills via
lack of whole tank monitoring capabilities. 6/1/09-Vought-Received
email from TRC Guder with attached letter. Letter dated 5/28/09.
....the following activities will be performed: 1. The three
petroleum tanks on the site will be modified into aboveground storage
tanks (ASTs). The work will be performed by a licensed fuel oil
boiler repair and installation firm; 2. The resulting tank
excavations will be inspected by the owner, the owners representative
and the NYSDEC or their representative; 3. If visible petroleum
contamination (i.e. free product) is not identified, endpoint soil
and or groundwater samples will be collected in accordance with
DER-10 .. 4. If visible petroleum contamination (i.e free product)is
identified, work will stop and the owner, owner's representative, and
NYSDEC will confer to determine further actions . The property owner
is ready to begin this work immediately . They will contact DEC or
rep to inform them of work start date. 06/5/09-Vought-Received email
from TRC Guder that tank conversions to begin on 6/15/08 and
Envirotrac cc'd on email. Vought to perform site visit that day as
well. DEC requires: 1)Cc to ATS, Envirotrac, Beautiful Village and
Janeski 2)Inspection of soil under partially buried USTs during
conversion to full ASTs 3)DEC contractor presence when performing
soil investigation 4)Submission of TTF results including failing and
passing tests. 5)Determination of groundwater flow direction. 6)Well
construction logs. 7)endpoints and/or field observations or pictures
of basement excavation sidewalls. 8)Continuation of quarterly
groundwater monitoring. 9)Updating of PBS registration to tank
location of aboveground-10% or more below ground. 6/15/09-Vought-Site
visit by Vought with Envirotrac (Lorthior and Ataman), TRC Guder and
Metropolitan (Jaffe and Perine) and Eastcoast Petroleum. Eastcoast
beginning to remove piping and will weld eye-hooks onto ASTs and use
3 train hoists to lift AST. AST will be emptied and cleaned prior to
lift. Contractor will remove concrete around partially buired ASTs
prior to lift and will order steel saddles for ASTs to sit on and
will also put concrete under ASTs. 06/16/09-Vought-Received call from
and spoke to TRC Guder who indicated that structural engineer was
onsite this morning and TRC would keep Vought copied on results of
inspection. 06/18/09-Vought-On vacation from 6/190 to 6/29. DEC Patel
on 6/23 to: 1)call Envirotrac (Lorthior) to see if contamination
found under lifted ASTs and to ensure adequate documentation as
possible source for PIN at adjacent site. Vought onsite with TRC
Kevin, Envirotrac Lorthior, Frank Grassellino(Metropolitan), Scott
Jaffee(Metropolitan), Bob Perine(Metropolitan), John Knief(East Coast
Petroleum). 5000-gallon UST in Building B was lifted and no free
product encountered and no grossly contaminated product found. Tank
underlain by concrete (possibly second floor) and Envirotrac and TRC
collected endpoint samples witnessed by all. Envirotrac collected
tens sidewall samples and TRC collected five samples. No signs of
holes in tank and possible oil staining on one tank. Structural

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VILLA HERMOSA APTS - BUILDING B (Continued)

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engineer also onsite. Vought also noticed two abandoned fuel oil supply return lines that run underground to adjacent building and Vought informed Jaffee that lines must be tightness tested. Also well that showed free product (MW3) screen depth to be checked to ensure that is straddles water table. Vought on vacation from 8/19-8/29 and site to be managed by DEC Patel. Scope of work for next week will be placement of concrete over tank lifted and reconnection of lines. 06/23/09-Hiralkumar Patel. 3:15 PM:- received email from Dave. lines will be tested on 06/24/09 and second tank will be lifted on 06/26/09 from building A. 06/24/09-Hiralkumar Patel. 11:50 AM:- spoke with Dave. he mentioned that instead of testing lines, owner choose to dug lines out. they are excavating today. there is someone from envirotrac and will collect samples. 1:30 PM:- visited site. met Bob, Kevin (TRC) and Dave Lorthior (EnviroTrac). employees of East Coast were exposing old lines. found three lines in each excavation from Buildings A,B,C: one old supply line, one most recent return line and one for gauge pipe. found odor in excavation for building A. will remove pipes tomorrow. 06/25/09-Hiralkumar Patel. 12 PM:- visited site. pipes removed from ground. Dave collected endpoint samples from building B area before i reached to the site. Dave mentioned that one area nearby tank room foundation wall found contaminated. there was clean sand right underneath the lines, but after removing couple of inches of soil, they found possible contamination. after building B, samples collected at building C. pipes removed from ground. found leak in area near boiler room foundation wall. strong odors noticed in soil. no other area in excavation found with contamination. collected endpoint samples. asked Dave to collect soil sample on other side of foundation wall inside boiler room (to see any migration of oil inside boiler room crossing foundation wall). during soil sample collection, found another old pipe running perpendicular to supply/return lines adjacent to foundation wall. found old pipe was ended in boiler room nearby pump area, but other end needs to be investigated. will excavate tomorrow to find out other end of pipe. this newly found old pipe runs towards building B, towards impacted site. Active return line was leaking evidenced by heavy soil contamination directly underneath the pipe and fresh product on pipe surface and pipe metal was flaking. after collecting samples at building C, collected samples at building A. found petroleum odors in soil about 3-4 ft away from boiler room foundation wall. tank in building A will be lifted on 06/29/09. asked Bob not to throw pipes away. 06/29/09-Hiralkumar Patel. 9:27 AM:- left message for Gavin (631-767-4228). 9:35 AM:- received call from Gavin. haven't started lifted tank at building A. Gavin checked area outside of boiler room at building C where old abandoned pipe found. contractor excavated about 4 ft of concrete nearby boiler room foundation wall. Gavin will look for any contamination. will excavate more to trace pipe end. 06/30/09-Vought-Site visit by Vought and onsite were Dave(Metropolitan), Marc(Envirotrac) and Wes Lindemuth(TRC). Vought inspected current status of all three building and noted that soil contamination noted at abandoned supply return lines in Buildings A and B and heavy soil contamination noted at active underground return line in Building C. Active return line in Building C was heavily deteriorated. Soil samples collected from under AST at building A and no PID or odors noted in soil. BUILDING B-old supply and active return line and line for petrometer removed, awaiting soil analyticals, PID hit noted in soil sample, excavation depth to 2'bg and no water in excavation. BUILDING A-old supply and active return

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VILLA HERMOSA APTS - BUILDING B (Continued)

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line and line for petrometer removed, awaiting soil analyticals, Soil contamination noted under lines, excavation depth to 2'bg and no water in excavation. BUILDING C-old supply and active return line and line for petrometer removed, awaiting soil analyticals, heavy gross soil contamination noted under lines near boiler room foundation and hole noted in active return line, excavation depth to 2'bg and no water in excavation. 07/02/09-Vought-Site visit by Vought and soil samples collected from under UST at Building C. Vought noted active leak from AST (AST was emptied before lift) coming from bottom of UST. Approximate 2' patch of fresh free product on concrete underlaying void space under AST. Vought spoke to Metropolitan Jaffee who requested to expedite center courtyard excavation and Vought discussed installation of test pits and or monitoring wells in courtyard. Meeting will be held with all parties once plans for center courtyard are finalized so that investigation and possibly remediation can coincide with courtyard development.

09/21/09-Vought-Reviewed draft investigation report submitted by EnviroTrac for piping run endpoint samples and AST removal samples (see 7/9/09 comments above), updated groundwater flow direction and sent comments back to EnviroTrac. Report concludes The removal of the subsurface piping at the site indicated that the return line for Building C was leaking , the presence of fuel oil compounds at the return lines for Buildings A and Building B despite being below current RSCO's', indicate a historical release of petroleum at these locations , soil samples collected beneath the tanks exhibited concentrations of petroleum associated SVOCs... , Groundwater in portions of the site appears to be migrating towards DeSales , Free phase product has been detected in some of the wells (MW3, MW4 and DEC-2)on a intermittent basis , Construction details for MW3 and MW4 are unavailable . Report recommends installation of wells west of Building B (between building B and DeSales courtyard, determination of construction of MW3 and MW4 with possible reinstallation, investigation of piping at Building C, continuation of biweekly monitoring and sampling and testing of all tanks and pipes as part of return to service. Meeting set up for 10/25 at 10am with DEC Austin, DEC Urda, NYSOAG Pesca, AIMCO Pennington and TRC Guder at Region 2 offices to discuss next step and cost recovery actions.

9/22/09-Vought-Reviewed email from TRC Guder dated 9/17/09 including well logs for MW1 and MW2, TRC split soil samples from piping endpoint samples, split samples from groundwater samples and groundwater contour map. Well construction logs for MW have 2' casing and 23' screen length and MW has 3' casing with 17' screen length. Groundwater contour map using wells MW1, MW2 and MW3 shows groundwater flow to the west toward fifth avenue. MW4 not used in groundwater contours. No site plan included with soil sample locations and as such cannot determine where samples collected from. Vought sent email to Guder requesting site plan with sampling locations. 9/24/09-Vought-Meeting scheduled at DEC on 10/25 at 10am with Pennington, Guder, AIMCO, DEC Austin, DEC Urda, Vought, EnviroTrac and NYSOAG Pesca. Received email from TRC Guder including site plan with sampling locations, requesting EnviroTracs survey information, note that he will provide his survey information and well construction logs for MW3 and MW4. Note that screen starts at 3'bg and groundwater data from EnviroTrac shows elevations at 2.79'bg(6/22/09), 2.85'bg(6/10/09), 2.9'bg(8/3/09) and as such this well is not suitable for collection of groundwater samples and monitoring. Vought reviewed split sample results from piping samples

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and noted that endpoint samples were missing from TRC for locations BB-PIPE-EP, BA-PIPE-EP, VH-BA-EP-3, VH-BA-EP1, VH-BA-EP-2, BC-PIPE-EP. Soil analyticals show detections of compounds particular to fuel oil (despite being below TAGM RSCO's) including: 22ppb naphthalene(VHBBEP1), 77ppb phenanthrene(VHBBEP1), 29ppb naphthalene(VHBBEP2), 119ppb phenanthrene(VHBBEP2), 133ppb phenanthrene(VHBBEP4), 2ppb naphthalene(VHBCEP2), 541ppb phenanthrene(VHBCEP2), 16ppb acenaphthene(VHBCEP2), 82ppb anthracene(VHBCEP2), 83ppb anthracene(VHBCEP1), 70ppb phenanthrene(VHBCEP1). TRC groundwater data shows flow to the southwest however groundwater gradient map does not account for sump pit influence and must be resubmitted. Vought sent reply to TRC Guder with cc to all requesting survey info from EnviroTrac and also noted that both groundwater maps of EnviroTrac and TRC do not take account the operational sump of DeSales (which may cuase component of groundwater flow directly from Villa Hermosa to DeSales) and possible sump in 1255 5th avenue. Vought called Janeski who confirmed presence of sump and that it operated frequently during rain events and turned on at various times throughout day (operated by float switch). Vought sent email to all parties noting fact that sump was not taken into account in flow maps. Janeski also mentioned that he could arrange site access for 1255 5th avenue (coop president is Gerald Buschell and no PBS registration for site) on 9/25 at 8am. Vought called and arranged site visit at 8am with EnviroTrac and left message of same for TRC Guder. Note meeting at DEC at 10am after site visit. Vought received callback from and spoke to TRC Guder who noted that he would not be able to attend site visit but stated there was no need for him to be there as DEC would be performing inspection.

09/25/09-Vought-Site visit by Vought and EnviroTrac(Lorthior) to DeSales and 1255 5th Avenue for inspection of sump. Vought and Lorthior met with janieski and DeSales Super (Faton Halili) and inspected sump pit. Pit has numerous pipes leading to cinderblock lined box. Water surface present at 3' below grade in pit. As per Halili the sump only services piping that runs under basement floor but he is unsure of layout of piping. Janeski has building plans available for later inspection. Halili noted that basement has not flooded for years but was onsite for the oil seepage in 2003 which occurred during exceptionally heavy rains events. During one of the past flooding events Halili and super of 1255 5th Avenue (Peter) measured depth of basements below grade and determined that both basement floors are at same depth below grade. Halili pumped sump dry and depth to bottom is approximately 5'bg and cannot determine bottom of sump as filled with debris. No oil or oil staining observed in sump (possibly due to oil impact occurring 5 years ago). Vought and Lorthior inspected 1255 5th avenue and met with doorman (Ismael) who has been onsite for past 15 years. Ismael indicated building is using natural gas for the past 15 years and has never had an oil impact. Two sumps located in basement of 1255 5th avenue. Envirotrac (Lorthior) provided hard copy of Investigation Report (see notes from 9/21/09 above). 9/25/09-Vought-09/29/09-Vought-See spill number 0313381 (Villa Hermosa) for more information. Investigation by EnviroTrac at 1600 Madison Avenue (Villa Hermosa Spill 0313381, 0810009, 0810012) indicate that Villa is potential responsible party. Site visit by Vought and Lorthior to inspect sumps as well as inform Janeski of updates and perform basement inspection. Vought noted that impacted basement area was being used for rest areas of custodial staff with no additional seepage of petroleum but slight petroleum

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odor noted only in custodial area. Meeting at 9/25 at DEC offices between DEC, NYSOAG and Villa Hermosa reps. Meeting was held at DEC on 9/25 including DEC Vought, DEC Austin, DEC Urda, NYSOAG Alison Pesca, EnviroTrac Lorthior, TRC Guder(212-221-7822), Mark Pennington (917-456-0747) attorney for AIMCO-prior owner of Villa Hermosa) and AIMCO Stephen Evanoff(303-691-4560). Pennington indicated that there was no method of transport to DeSales and Vought mentioned that transport mechanism was groundwater. Decision reached to sent STIP to Villa Hermosa for spill at Building C and also to send letter to Villa Hermosa informing them that work below will start on DeSales (as Villa Hermosa currently not willing to accept responsibility). Vought will draft STIP requirement for review by Austin and Urda and will also contact DJaneski and EnviroTrac to arrange scope of work that State funded contractor (EnviroTrac) will need to perform to restore basement (epoxy and drywall removal) of DeSales and install upgradient wells on Villa Hermosa property. Vought sent email to Janeski with notes from 9/29 above and FOIL request information. 10/13/09-Vought-Drafted STIP with CAP including submission of passing and failing tank tests, reinstallation of MW3 and biweekly monitoring and quarterly groundwater sampling and submitted for review to DEC Urda and Austin. STIP to be sent to: Stephen Evanoff, PE, BCEE, CSP Aimco 4582 S Ulster Street Parkway Suite 1100 Denver, CO 80237 stephen.evanoff@aimco.com Office: 303.691.4560 Mobile: 303.884.1889 Fax: 303.300.3298 Vought called and spoke to Janeski and informed him that Vought would send email to him requesting approval to begin basement work. 10/14/09-Vought-Sent email to Janeski with CC to Pennington, Guder, Austin, Urda, Pesca requesting finalization of basement renovation plans for DeSales so that Department could perform work. Vought sent out STIP to AIMCO Evanoff for cleanup at Building C under spill 0313381. CAP included reinstallation of MW3, biweekly monitoring and quarterly groundwater sampling and submission of passing and failing test results. Vought sent SCL letter to AIMCO for this Spill at Building B as endpoint samples are below TAGM Required Soil Cleanup Objectives. For analyticals and report see report entitled Investigation Report for Spill 0310458 from EnviroTrac dated 9/21/09. See spill #0310458 for ongoing DeSales cleanup and open Spill #0313381 for Villa Hermosa Building C cleanup.

Remarks:

"See also open spill #0809556, as per report fill pipe is on 108th st, air leak, isolate, 2 burners, pumps and petrometer. Tank is 5000 gallon #2 fuel oil tank."

All Materials:

Site ID: 407520
Operable Unit ID: 1164062
Operable Unit: 01
Material ID: 2155420
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

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O213
SW
1/8-1/4
0.157 mi.
827 ft.
VILLA HERMOSA APTS - BUILDING A
1-23 EAST 107TH STREET
NEW YORK, NY 10029
Site 6 of 9 in cluster O

NY LTANKS **S109374773**
N/A

Relative:
Lower
Actual:
17 ft.

LTANKS:

Facility ID: 0810009
Site ID: 407517
Closed Date: 2009-10-14
Spill Number: 0810009
Spill Date: 2008-11-21
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: Not reported
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jbvought
Referred To: Not reported
Reported to Dept: 2008-11-24
CID: Not reported
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: 2008-12-08
Spill Record Last Update: 2009-10-14
Spiller Name: JESSE CURLL
Spiller Company: AIMCO
Spiller Address: 639 GRANITE STREET SUITE 312
Spiller County: 999
Spiller Contact: JESSE CURL
Spiller Phone: (781) 849-1471x105
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 356765
DEC Memo: "12/08/08-Vought-SEE ALSO OPEN SPILL NUMBERS 0313381, 081009, 0809556, 0810012 for other failures in same apartment complex. THIS SITE POSSIBLE SOURCE TO OPEN SPILL AND OPEN PIN 0310458. Left message for Advanced Tank Services(ATS)Laura Capelli (800-440-8265) to fax tank tightness test results. Vought received tightness test results and Vought received three results from three different tanks respectively (one with fill pipe in Madison Avenue, one with fill pipe on 107th street and one with fill pipe on 108th street). Vought opened up two additional spill numbers as failures in separate addresses as per property shark. Vought sent out TTFs with cc to property owner and below requirements to: Mr. Jesse Curl AIMCO - Boston 639 Granite Street, Suite 312 Braintree, MA 02184 Fax:(781) 849-7652 Phone:(781) 849-1471x105 12/9/08-Vought-Site visit by Vought with Envirotrac (Lorthior), TRC Guder, TRC Eva, Metropolitan Realty (Bob, Frank and David Cruz-Beautiful Village Redevelopment Associates-917-299-7822). AIMCO sold property but retains liability with respect to tanks as per TRC Guder. Tank is 8000-gallon #2 fuel oil UST and tank was isolated and passed tank only test as per TRC Guder. Tank is a partially buried UST and not AST as registered. Fill line leak and line was replaced. Leak location in basement and

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evidence of concrete staining under former leak location. Concrete in good condition at point of leak and no soil investigation required as no soil affected by spill from fill line. Fill line does not run under sidewalk. Tank, supply/return and fill lines were isolated and passed test. Tank previously tested in 2005. DEC requires TTF letter: 1)Cc to ATS, Beautiful Village, Envirotrac and Janeski 2)USTs associated requirements or investigation via soil borings. 3)DEC presence when performing soil investigation adjacent to UST 4)Submission of Updated PBS registration. 5)Fingerprinting at both sites if well installation at Villa Hermosa shows presence of petroleum contamination. 6)call to Metropolitan and if determination that tanks will remain USTs then associated UST requirements. If wish to register tanks as ASTs then excavation and replacement of tanks required. 7)submission of TTF results including failing and passing tests. 04/10/09-Vought-Current file review by Vought: Tank Tightness Test Report (TRC Curll)-12/26/08. The Site contains three distinct buildings, known as Buildings A, B and C. Each building contains a fuel oil fired boiler and a steel petroleum tank containing #2 fuel oil which is used to supply fuel to the boiler. Building 'A' contains a 7,500-gallon tank Building 'B' contains a 6,000-gallon tank, and Building 'C' contains an 8,000-gallon tank. Each tank is located in the basement of the building and the bottom 2 feet of each tank is vaulted and encased in concrete on top of the basement floor. See the following spill numbers: Building A-0810009 (TTF) Building B-0810012 (TTF) Building C-0313381, 0809556 (TTF, soil excavation and well installation). As part of AMICO's divestiture of the property, the prospective purchaser (Metropolitan Realty Group, LLC.) performed tightness testing of all three tank systems on 11/21/08. ATS reported that all three (3) tank systems failed when utilizing the Mesa 2-D test system, which is an acoustical test system. Isolation and retesting and repair work performed by ProTest. All three manways were replaced on tanks since the manhole gasket material was observed to be deteriorated. All three (3) tanks were found to be tight or not leaking when utilizing the EXY-3 Locator Plus test system. The following describes the repair work: Building A- The fill line was not tight and was replaced. After repair the tank system tested tight. Building B- The overfill whistle/vent line was not tight. The cause of this leak was determined to be deteriorated fittings and these were replaced. After repair, the tank system tested tight. Building C-The overfill whistle/vent line was not tight. The cause of this leak was determined to be deteriorated fittings and these were replaced. After repair, the tank system tested tight. The report recommends closure of spill 0809556. Passing tightness tests included for Buildings A, B and C. Letter from AIMCO Curll to DEC-1/7/09. Request for closure of spill 0809556. Email from AIMCO Curll to Vought-2/17/09. Email requesting update on report review. Email from AIMCO Curll to Vought-3/17/09. Email requesting update on report review. Site contacts: Bob Perine Metropolitan Realty Group LLC 15 West 39th Street, 7th Floor New York, NY 10018 Ph:(212)835-9040 Fax:(212)835-9059 email:bperine@metreal.com Charles Guder TRC ph:(212)221-7822x137 fax:(212)221-7840 email:cguder@trcsolutions.com 04/15/09-Vought-Discussed site with DEC Krimgold and AST requirements apply as per PBS as such DEC requires submission of monthly inspection records for past five years. If records cannot be produced than borings will have to be performed to insure no release. Spill #0809556 at same location for same tank closed and referred to this open spill. 04/17/09-Vought-Sent out letter to above addresses

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requiring 1)Submission of updated PBS application 2)biweekly groundwater monitoring, determination of groundwater flow direction and quarterly submission of reports 3)submission of well construction logs 4)submission of soil excavation sidewall samples from Building C 5)submission of monthly inspection records for past ten years 6)submission of ten year inspection reports 7)collection of soil and groundwater samples around the partially buried AST . Letter also included clause that Spill fund contractor must absolutely be present to collect duplicate samples and witness all borings... . 04/21/09-Vought-Received email from Curll with proposed site visit date for meeting with consultants on 5/7/09. Vought forwarded email to Envirotrac to determine their availability as well with cc to Janeski. Site meeting set up for 5/7 at 11am. 5/7/09-Vought-Site visit by Vought. Onsite were: Charles Guder(TRC) 212-221-7822x103 Stephen Evanoff(AIMCO)303-691-4560 Bob Perine(Metropolitan)347-366-4386 John Knief(East Coast Petroleum)-718-402-5107 Mark Ataman(Envirotrac)-631-924-3001 Frank Grassellino(Metropolitan)-212-835-9040 Scott Jaffee(Metropolitan)-212-835-9040 John Perotti(Merrit Engineering)-718-767-0923 Dave Lorthior(EnviroTrac)-631-924-3001 Topics of discussion included reasons for denial of no further action and above DEC requirements. Vought also discussed either installation of borings or suggested (but did not require) tank removal and replacement with full ASTs in order to ensure no further spills via lack of whole tank monitoring capabilities. 6/1/09-Vought-Received email from TRC Guder with attached letter. Letter dated 5/28/09.the following activities will be performed: 1. The three petroleum tanks on the site will be modified into aboveground storage tanks (ASTs). The work will be performed by a licensed fuel oil boiler repair and installation firm; 2. The resulting tank excavations will be inspected by the owner, the owners representative and the NYSDEC or their representative; 3. If visible petroleum contamination (i.e. free product) is not identified, endpoint soil and or groundwater samples will be collected in accordance with DER-10 .. 4. If visible petroleum contamination (i.e free product)is identified, work will stop and the owner, owner's representative, and NYSDEC will confer to determine further actions . The property owner is ready to begin this work immediately . They will contact DEC or rep to inform them of work start date. 06/5/09-Vought-Received email from TRC Guder that tank conversions to begin on 6/15/08 and Envirotrac cc'd on email. Vought to perform site visit that day as well. DEC requires: 1)Cc to ATS, Envirotrac, Beautiful Village and Janeski 2)Inspection of soil under partially buried USTs during conversion to full ASTs 3)DEC contractor presence when performing soil investigation 4)Submission of TTF results including failing and passing tests. 5)Determination of groundwater flow direction. 6)Well construction logs. 7)endpoints and/or field observations or pictures of basement excavation sidewalls. 8)Continuation of quarterly groundwater monitoring. 9)Updating of PBS registration to tank location of aboveground-10% or more below ground. 6/15/09-Vought-Site visit by Vought with Envirotrac (Lorthior and Ataman), TRC Guder and Metropolitan (Jaffe and Perine) and Eastcoast Petroleum. Eastcoast beginning to remove piping and will weld eye-hooks onto ASTs and use 3 train hosts to lift AST. AST will be emptied and cleaned prior to lift. Contractor will remove concrete around partially buired ASTs prior to lift and will order steel saddles for ASTs to sit on and will also put concrete under ASTs. 06/16/09-Vought-Received call from

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and spoke to TRC Guder who indicated that structural engineer was onsite this morning and TRC would keep Vought copied on results of inspection. 06/18/09-Vought-On vacation from 6/190 to 6/29. DEC Patel on 6/23 to: 1)call Envirotrac (Lorthior) to see if contamination found under lifted ASTs and to ensure adequate documentation as possible source for PIN at adjacent site. Vought onsite with TRC Kevin, Envirotrac Lorthior, Frank Grassellino(Metropolitan), Scott Jaffee(Metropolitan), Bob Perine(Metropolitan), John Knief(East Coast Petroleum). 5000-gallon UST in Building B was lifted and no free product encountered and no grossly contaminated product found. Tank underlain by concrete (possibly second floor) and Envirotrac and TRC collected endpoint samples witnessed by all. Envirotrac collected tens sidewall samples and TRC collected five samples. No signs of holes in tank and possible oil staining on one tank. Structural engineer also onsite. Vought also noticed two abandoned fuel oil supply return lines that run underground to adjacent building and Vought informed Jaffee that lines must be tightness tested. Also well that showed free product (MW3) screen depth to be checked to ensure that is straddles water table. Vought on vacation from 8/19-8/29 and site to be managed by DEC Patel. Scope of work for next week will be placement of concrete over tank lifted and reconnection of lines. 06/23/09-Hiralkumar Patel. 3:15 PM:- received email from Dave. lines will be tested on 06/24/09 and second tank will be lifted on 06/26/09 from building A. 06/24/09-Hiralkumar Patel. 11:50 AM:- spoke with Dave. he mentioned that instead of testing lines, owner choose to dug lines out. they are excavating today. there is someone from envirotrac and will collect samples. 1:30 PM:- visited site. met Bob, Kevin (TRC) and Dave Lorthior (EnviroTrac). employees of East Coast were exposing old lines. found three lines in each excavation from Buildings A,B,C: one old supply line, one most recent return line and one for gauge pipe. found odor in excavation for building A. will remove pipes tomorrow. 06/25/09-Hiralkumar Patel. 12 PM:- visited site. pipes removed from ground. Dave collected endpoint samples from building B area before i reached to the site. Dave mentioned that one area nearby tank room foundation wall found contaminated. there was clean sand right underneath the lines, but after removing couple of inches of soil, they found possible contamination. after building B, samples collected at building C. pipes removed from ground. found leak in area near boiler room foundation wall. strong odors noticed in soil. no other area in excavation found with contamination. collected endpoint samples. asked Dave to collect soil sample on other side of foundation wall inside boiler room (to see any migration of oil inside boiler room crossing foundation wall). during soil sample collection, found another old pipe running perpendicular to supply/return lines adjacent to foundation wall. found old pipe was ended in boiler room nearby pump area, but other end needs to be investigated. will excavate tomorrow to find out other end of pipe. this newly found old pipe runs towards building B, towards impacted site. Active return line was leaking evidenced by heavy soil contamination directly underneath the pipe and fresh product on pipe surface and pipe metal was flaking. after collecting samples at building C, collected samples at building A. found petroleum odors in soil about 3-4 ft away from boiler room foundation wall. tank in building A will be lifted on 06/29/09. asked Bob not to throw pipes away. 06/29/09-Hiralkumar Patel. 9:27 AM:- left message for Gavin (631-767-4228). 9:35 AM:- received call from Gavin. haven't started lifted tank at building A. Gavin checked area outside of boiler room

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at building C where old abandoned pipe found. contractor excavated about 4 ft of concrete nearby boiler room foundation wall. Gavin will look for any contamination. will excavate more to trace pipe end.

06/30/09-Vought-Site visit by Vought and onsite were Dave(Metropolitan), Marc(Envirotrac) and Wes Lindemuth(TRC). Vought inspected current status of all three building and noted that soil contamination noted at abandoned supply return lines in Buildings A and B and heavy soil contamination noted at active underground return line in Building C. Active return line in Building C was heavily deteriorated. Soil samples collected from under AST at building A and no PID or odors noted in soil. BUILDING B-old supply and active return line and line for petrometer removed, awaiting soil analyticals, PID hit noted in soil sample, excavation depth to 2'bg and no water in excavation. BUILDING A-old supply and active return line and line for petrometer removed, awaiting soil analyticals, Soil contamination noted under lines, excavation depth to 2'bg and no water in excavation. BUILDING C-old supply and active return line and line for petrometer removed, awaiting soil analyticals, heavy gross soil contamination noted under lines near boiler room foundation and hole noted in active return line, excavation depth to 2'bg and no water in excavation. 07/02/09-Vought-Site visit by Vought and soil samples collected from under UST at Building C. Vought noted active leak from AST (AST was emptied before lift) coming from bottom of UST. Approximate 2' patch of fresh free product on concrete underlaying void space under AST. Vought spoke to Metropolitan Jaffee who requested to expedite center courtyard excavation and Vought discussed installation of test pits and or monitoring wells in courtyard. Meeting will be held with all parties once plans for center courtyard are finalized so that investigation and possibly remediation can coincide with courtyard development.

09/21/09-Vought-Reviewed draft investigation report submitted by EnviroTrac for piping run endpoint samples and AST removal samples (see 7/9/09 comments above), updated groundwater flow direction and sent comments back to EnviroTrac. Report concludes The removal of the subsurface piping at the site indicated that the return line for Building C was leaking , the presence of fuel oil compounds at the return lines for Buildings A and Building B despite being below current RSCO's, indicate a historical release of petroleum at these locations , soil samples collected beneath the tanks exhibited concentrations of petroleum associated SVOCs... , Groundwater in portions of the site appears to be migrating towards DeSales , Free phase product has been detected in some of the wells (MW3, MW4 and DEC-2)on a intermittent basis , Construction details for MW3 and MW4 are unavailable . Report recommends installation of wells west of Building B (between building B and DeSales courtyard, determination of construction of MW3 and MW4 with possible reinstallation, investigation of piping at Building C, continuation of biweekly monitoring and sampling and testing of all tanks and pipes as part of return to service. Meeting set up for 10/25 at 10am with DEC Austin, DEC Urda, NYSOAG Pesca, AIMCO Pennington and TRC Guder at Region 2 offices to discuss next step and cost recovery actions.

9/22/09-Vought-Reviewed email from TRC Guder dated 9/17/09 including well logs for MW1 and MW2, TRC split soil samples from piping endpoint samples, split samples from groundwater samples and groundwater contour map. Well construction logs for MW have 2' casing and 23' screen length and MW has 3' casing with 17' screen length. Groundwater contour map using wells MW1, MW2 and MW3 shows

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING A (Continued)

S109374773

groundwater flow to the west toward fifth avenue. MW4 not used in groundwater contours. No site plan included with soil sample locations and as such cannot determine where samples collected from. Vought sent email to Guder requesting site plan with sampling locations. 9/24/09-Vought-Meeting scheduled at DEC on 10/25 at 10am with Pennington, Guder, AIMCO, DEC Austin, DEC Urda, Vought, EnviroTrac and NYSOAG Pesca. Received email from TRC Guder including site plan with sampling locations, requesting EnviroTracs survey information, note that he will provide his survey information and well construction logs for MW3 and MW4. Note that screen starts at 3'bg and groundwater data from EnviroTrac shows elevations at 2.79'bg(6/22/09), 2.85'bg(6/10/09), 2.9'bg(8/3/09) and as such this well is not suitable for collection of groundwater samples and monitoring. Vought reviewed split sample results from piping samples and noted that endpoint samples were missing from TRC for locations BB-PIPE-EP, BA-PIPE-EP, VH-BA-Ep-3, VH-BA-EP1, VH-BA-EP-2, BC-PIPE-EP. Soil analyticals show detections of compounds particular to fuel oil (despite being below TAGM RSCO's) including: 22ppb naphthalene(VHBBEP1), 77ppb phenanthrene(VHBBEP1), 29ppb naphthalene(VHBBEP2), 119ppb phenanthrene(VHBBEP2), 133ppb phenanthrene(VHBBEP4), 2ppb naphthalene(VHBCEP2), 541ppb phenanthrene(VHBCEP2), 16ppb acenaphthene(VHBCEP2), 82ppb anthracene(VHBCEP2), 83ppb anthracene(VHBCEP1), 70ppb phenanthrene(VHBCEP1). TRC groundwater data shows flow to the southwest however groundwater gradient map does not account for sump pit influence and must be resubmitted. Vought sent reply to TRC Guder with cc to all requesting survey info from EnviroTrac and also noted that both groundwater maps of EnviroTrac and TRC do not take account the operational sump of DeSales (which may cuase component of groundwater flow directly from Villa Hermosa to DeSales) and possible sump in 1255 5th avenue. Vought called Janeski who confirmed presence of sump and that it operated frequently during rain events and turned on at various times throughout day (operated by float switch). Vought sent email to all parties noting fact that sump was not taken into account in flow maps. Janeski also mentioned that he could arrange site access for 1255 5th avenue (coop president is Gerald Buschell and no PBS registration for site) on 9/25 at 8am. Vought called and arranged site visit at 8am with EnviroTrac and left message of same for TRC Guder. Note meeting at DEC at 10am after site visit. Vought received callback from and spoke to TRC Guder who noted that he would not be able to attend site visit but stated there was no need for him to be there as DEC would be performing inspection. 09/25/09-Vought-Site visit by Vought and EnviroTrac(Lorthior) to DeSales and 1255 5th Avenue for inspection of sump. Vought and Lorthior met with janeski and DeSales Super (Faton Halili) and inspected sump pit. Pit has numerous pipes leading to cinderblock lined box. Water surface present at 3' below grade in pit. As per Halili the sump only services piping that runs under basement floor but he is unsure of layout of piping. Janeski has building plans available for later inspection. Halili noted that basement has not flooded for years but was onsite for the oil seepage in 2003 which occurred during exceptionally heavy rains events. During one of the past flooding events Halili and super of 1255 5th Avenue (Peter) measured depth of basements below grade and determined that both basement floors are at same depth below grade. Halili pumped sump dry and depth to bottom is approximately 5'bg and cannot determine bottom of sump as filled with debris. No oil or oil staining observed in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING A (Continued)

S109374773

sump (possibly due to oil impact occurring 5 years ago). Vought and Lorthior inspected 1255 5th avenue and met with doorman (Ismael) who has been onsite for past 15 years. Ismael indicated building is using natural gas for the past 15 years and has never had an oil impact. Two sumps located in basement of 1255 5th avenue. Envirotrac (Lorthior) provided hard copy of Investigation Report (see notes from 9/21/09 above). 9/25/09-Vought-09/29/09-Vought-See spill number 0313381 (Villa Hermosa) for more information. Investigation by EnviroTrac at 1600 Madison Avenue (Villa Hermosa Spill 0313381, 0810009, 0810012) indicate that Villa is potential responsible party. Site visit by Vought and Lorthior to inspect sumps as well as inform Janeski of updates and perform basement inspection. Vought noted that impacted basement area was being used for rest areas of custodial staff with no additional seepage of petroleum but slight petroleum odor noted only in custodial area. Meeting at 9/25 at DEC offices between DEC, NYSOAG and Villa Hermosa reps. Meeting was held at DEC on 9/25 including DEC Vought, DEC Austin, DEC Urda, NYSOAG Alison Pesca, EnviroTrac Lorthior, TRC Guder(212-221-7822), Mark Pennington (917-456-0747) attorney for AIMCO-prior owner of Villa Hermosa) and AIMCO Stephen Evanoff(303-691-4560). Pennington indicated that that there was no method of transport to DeSales and Vought mentioned that transport mechanism was groundwater. Decision reached to send STIP to Villa Hermosa for spill at Building C and also to send letter to Villa Hermosa informing them that work below will start on DeSales (as Villa Hermosa currently not willing to accept responsibility). Vought will draft STIP requirement for review by Austin and Urda and will also contact DJaneski and EnviroTrac to arrange scope of work that State funded contractor (EnviroTrac) will need to perform to restore basement (epoxy and drywall removal) of DeSales and install upgradient wells on Villa Hermosa property. Vought sent email to Janeski with notes from 9/29 above and FOIL request information. 10/13/09-Vought-Drafted STIP with CAP including submission of passing and failing tank tests, reinstallation of MW3 and biweekly monitoring and quarterly groundwater sampling and submitted for review to DEC Urda an Austin. STIP to be sent to: Stephen Evanoff, PE, BCEE, CSP Aimco 4582 S Ulster Street Parkway Suite 1100 Denver, CO 80237 stephen.evanoff@aimco.com Office: 303.691.4560 Mobile: 303.884.1889 Fax: 303.300.3298 Vought called and spoke to Janeski and informed him that Vought would send email to him requesting approval to begin basement work. 10/14/09-Vought-Sent email to Janeski with CC to Pennington, Guder, Austin, Urda, Pesca requesting finalization of basement renovation plans for DeSales so that Department could perform work. Vought sent out STIP to AIMCO Evanoff for cleanup at Building C. CAP included reinstallation of MW3, biweekly monitoring and quarterly groundwater sampling and submission of passing and failing test results. Vought sent SCL letter to AIMCO for this Spill at Building A as endpoint samples are below TAGM Required Soil Cleanup Objectives. For analyticals and report see report entitled Investigation Report for Spill 0310458 from EnviroTrac dated 9/21/09. See spill #0310458 for ongoing DeSales cleanup and open Spill #0313381 for Villa Hermosa Building C cleanup."

Remarks:

"Tank test failure for 6,800 gallon #2 fuel oil tank. Fill pipe is on 107th st, air leak, oil leaking on floor from plumbing."

All Materials:

Site ID: 407517
Operable Unit ID: 1164059
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING A (Continued)

S109374773

Material ID: 2155417
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

**O214
SW
1/8-1/4
0.157 mi.
827 ft.**

**VILLA HERMOSA APTS
1600 MADISON AVENUE
NEW YORK, NY 10029**

**NY AST U001841326
N/A**

Site 7 of 9 in cluster O

**Relative:
Lower
Actual:
17 ft.**

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-600162
Program Type: PBS
UTM X: 588707.41965
UTM Y: 4516482.53264
Expiration Date: 01/03/2017
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 22147
Affiliation Type: Facility Owner
Company Name: BEAUTIFUL VILLAGE REDEVELOPMENT ASSOCIATES % METRO
Contact Type: MANAGING MEMBER
Contact Name: SCOTT JAFFEE
Address1: 15 W. 39TH ST., 7TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10018
Country Code: 001
Phone: (212) 835-9040
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-12-23

Site Id: 22147
Affiliation Type: Mail Contact
Company Name: METROPOLITAN REALTY GROUP
Contact Type: Not reported
Contact Name: SCOTT JAFFEE
Address1: 15 W. 39TH ST., 7TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10018
Country Code: 001
Phone: (212) 835-9040

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS (Continued)

U001841326

Email: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-12-23

Site Id: 22147
Affiliation Type: Facility Operator
Company Name: VILLA HERMOSA APTS
Contact Type: Not reported
Contact Name: PETER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (646) 723-3335
Email: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2011-12-23

Site Id: 22147
Affiliation Type: Emergency Contact
Company Name: BEAUTIFUL VILLAGE REDEVELOPMENT ASSOCIATES % METRO
Contact Type: Not reported
Contact Name: SCOTT JAFFEE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 835-9040
Email: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-12-23

Tank Info:

Tank Number: 001
Tank Id: 41389
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS (Continued)

U001841326

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/01/1979
Capacity Gallons: 6800
Tightness Test Method: ZZ
Date Test: 01/01/1991
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)

Tank Number: 002
Tank Id: 62665
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
I05 - Overfill - Vent Whistle
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
3
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/01/1979
Capacity Gallons: 6500
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)

Tank Number: 003
Tank Id: 62667
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS (Continued)

U001841326

Equipment Records:

F00 - Pipe External Protection - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
3
Tank Location:
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/01/1979
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: MSBAPTIS
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

T215
SSE
1/8-1/4
0.157 mi.
831 ft.

CON EDISON
F/O 155 EAST 109TH ST
NEW YORK, NY 10029

NY MANIFEST

S116291655
N/A

Site 4 of 9 in cluster T

Relative:
Lower
Actual:
15 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004427159
Facility Status: Not reported
Location Address 1: F/O 155 EAST 109TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004427159
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S116291655

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: 01/27/2014
Trans1 Recv Date: 01/27/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/28/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004427159
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 011694041JJK
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: 200
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

T216
SSE
1/8-1/4
0.157 mi.
831 ft.

CON EDISON SERVICE BOX: 18135
155-157 E 109TH ST & LEXINGTON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST
1016967956
NYP004415576

Site 5 of 9 in cluster T

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 02/09/2014
Facility name: CON EDISON SERVICE BOX: 18135
Facility address: 155-157 E 109TH ST & LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004415576
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 01/09/2014
Site name: CON EDISON SERVICE BOX: 18135
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004415576
Facility Status: Not reported
Location Address 1: 155-157 E 109TH ST & LEXINGTON AVE
Code: BP
Location Address 2: SB18135
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18135 (Continued)

1016967956

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004415576
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 01/09/2014
Trans1 Recv Date: 01/09/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/10/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004415576
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002299397GBF
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: 300
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18135 (Continued)

1016967956

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 additional NY_MANIFEST: detail in the EDR Site Report.

T217
SSE
1/8-1/4
0.157 mi.
831 ft.

**CON EDISON
FO 155 E 109TH ST
NEW YORK, NY 10028**

**NY MANIFEST S117535711
N/A**

Site 6 of 9 in cluster T

**Relative:
Lower
Actual:
15 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004680542
Facility Status: Not reported
Location Address 1: FO 155 E 109TH ST
Code: BP
Location Address 2: SB 18135
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10028
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004680542
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/20/2014
Trans1 Recv Date: 10/20/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/27/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004680542
Trans1 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117535711

Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013244233JJK
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

T218
SSE
1/8-1/4
0.157 mi.
831 ft.

CON EDISON SERVICE BOX: 18135
155 E 109TH ST
NEW YORK, NY 10029
Site 7 of 9 in cluster T

RCRA NonGen / NLR 1016967420
NY MANIFEST NYP004410353

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 02/27/2014
Facility name: CON EDISON SERVICE BOX: 18135
Facility address: 155 E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004410353
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported

Actual:
15 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18135 (Continued)

1016967420

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: 01/27/2014
Site name: CON EDISON SERVICE BOX: 18135
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004410353
Facility Status: Not reported
Location Address 1: F/O 155 E 109TH ST
Code: BP
Location Address 2: SB18135
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004410353
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18135 (Continued)

1016967420

seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	12/23/2013
Trans1 Recv Date:	12/23/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/26/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004410353
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002299875GBF
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:	300
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Q219
SSW
1/8-1/4
0.158 mi.
834 ft.
CON EDISON
50 E 108TH ST
NEW YORK, NY 10029
Site 5 of 10 in cluster Q

RCRA NonGen / NLR
1018279876
NYP004747275

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 03/09/2015
Facility name: CON EDISON
Facility address: 50 E 108TH ST
NEW YORK, NY 10029
EPA ID: NYP004747275
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 03/09/2015
Site name: CON EDISON
Classification: Small Quantity Generator
Violation Status: No violations found

Q220
SSW
1/8-1/4
0.158 mi.
834 ft.
CON EDISON
50 E 108TH ST
NEW YORK, NY 10029
Site 6 of 10 in cluster Q

NY MANIFEST
S117741495
N/A

Relative:
Lower

NY MANIFEST:

Actual:
17 ft.

Country: USA
EPA ID: NYP004747275
Facility Status: Not reported
Location Address 1: 50 E 108TH ST
Code: BP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117741495

Location Address 2: SB 77997
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004747275
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/09/2015
Trans1 Recv Date: 03/09/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/11/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004747275
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014091156JJK
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: 1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117741495

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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

Q221
SSW
1/8-1/4
0.158 mi.
834 ft.
CON EDISON
50 E 108TH ST
NEW YORK, NY 10029
Site 7 of 10 in cluster Q

NJ MANIFEST **S120668661**
N/A

Relative: NJ MANIFEST:
Lower EPA Id: NYP004747275
Mail Address: IRVING PL, 15TH FL NE
Actual: Mail City/State/Zip: NEW YORK, NY 10003
17 ft. Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 014091156JJK
EPA ID: NYP004747275
Date Shipped: 3/9/2015
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120668661

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Q222 LEHMAN VILLAGE -NYCHA
SSW 70 E 108TH ST
1/8-1/4 NEW YORK CITY, NY
0.158 mi.
834 ft. Site 8 of 10 in cluster Q

NY LTANKS S106719009
N/A

Relative: LTANKS:
Lower Facility ID: 0211650
Actual: Site ID: 280533
17 ft. Closed Date: 2017-04-07
Spill Number: 0211650
Spill Date: 2003-02-24
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 2003-02-24
CID: 365
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: 2003-02-24
Spill Record Last Update: 2017-04-07
Spiller Name: MARIO MANDALONE
Spiller Company: NYC HOUSING AUTHORITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEHMAN VILLAGE -NYCHA (Continued)

S106719009

Spiller Address: 23-02 49TH AVE
Spiller County: 001
Spiller Contact: MARIO MANDALE
Spiller Phone: (718) 707-7841
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 227783
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 11/03/05: This spill transferred from J.Kolleeny to S.Kraszewski. 07/07/06: NYCHA summary report states no recovery system and no MWs on-site. NYCHA recommends that a site assessment be performed during tank replacemnt in 2008, as noted in Schedule A&C. - SK 02/06/07 - J.Kann - site reassigned from S. Kraszewski to J.Kann. 08/28/09: J.Kann - spill number 0813546 closed and consolidated with this spill. 2/4/11: J.Kann - Tank Closure Work Plan submitted on 1/14/11. 4/7/17: J.Kann - tank closure report received 3/27/12. Underground Storage Tank Closure and Spill Remediation Report dated February 22, 2012 was reviewed. Based on the report: - tank and fill lines were removed -12 soil and 1 groundwater sample were analyzed. -only a limited areal extent of remaining residual concentrations in soils were noted in 2 locations, EP-06 and EP-12 Benzo (a) anthracene 4.2 PPM (1.0 ppm RSCO) Benzo (b) Flouranthene 5.0 ppm (1.0 ppm RSCO) Benzo (k) flouranthene 8.5 ppm (1.0 ppm RSCO) Groundwater was ND for SVOCs and VOCs contained one constituent n-butylbenzene 11ppb (5ppb TOGS) Based on the report and closure request, spill closed."

Remarks: "they will isolate, repair & retest"

All TTF:

Facility ID: 0211650
Spill Number: 0211650
Spill Tank Test: 1528039
Site ID: 280533
Tank Number: 2
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: F
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 280533
Operable Unit ID: 862719
Operable Unit: 01
Material ID: 511435
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEHMAN VILLAGE -NYCHA (Continued)

S106719009

Recovered: .00
Oxygenate: Not reported

Q223
SSW
1/8-1/4
0.158 mi.
834 ft.

LEHMAN VILLAGE HOUSES
70 EAST 108TH STREET
NEW YORK, NY 10029
Site 9 of 10 in cluster Q

NY UST **U000410793**
N/A

Relative:
Lower
Actual:
17 ft.

UST:
Id/Status: 2-475041 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588776.49745
UTM Y: 4516438.05831
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 20967
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) 707-5725
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-01-20

Site Id: 20967
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: TECHNICAL SERVICES DEPT.
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: LXZIELIN
Date Last Modified: 2017-06-01

Site Id: 20967
Affiliation Type: Emergency Contact
Company Name: NYC HOUSING AUTHORITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEHMAN VILLAGE HOUSES (Continued)

U000410793

Contact Type: Not reported
Contact Name: EMERGENCY SERVICES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 707-5900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-12-17

Site Id: 20967
Affiliation Type: Facility Operator
Company Name: LEHMAN VILLAGE HOUSES
Contact Type: Not reported
Contact Name: FUEL OIL REMEDIATION COORD.
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: 2011-08-17

Tank Info:

Tank Number: 1
Tank ID: 37732
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 20000
Install Date: 11/01/1963
Date Tank Closed: 06/30/2011
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: 01/31/2008
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEHMAN VILLAGE HOUSES (Continued)

U000410793

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

Tank Number: 2
Tank ID: 37733
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 20000
Install Date: 11/01/1963
Date Tank Closed: 06/30/2011
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: 03
Date Test: 06/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
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
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

Q224
SSW
1/8-1/4
0.158 mi.
834 ft.

LEHMAN VILLAGE
70 E 108TH ST
NEW YORK, NY
Site 10 of 10 in cluster Q

NY LTANKS S109583663
N/A

Relative:
Lower
Actual:
17 ft.

LTANKS:
Facility ID: 0813546
Site ID: 411239
Closed Date: 2009-08-28
Spill Number: 0813546
Spill Date: 2009-03-16
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEHMAN VILLAGE (Continued)

S109583663

Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jkkann
Referred To: CONSOLIDATED WITH 0211650
Reported to Dept: 2009-03-16
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: 2009-03-16
Spill Record Last Update: 2009-08-28
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: CHARLIE MCINNIS
Spiller Phone: (718) 707-7841
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 360459
DEC Memo: "A TTF letter was sent to: NYC Housing Authority 23-02 49th AVE. 5th Floor Long Island City, NY 11101 Att: Ralph Tocchio 8/28/09: J.Kann - site reassigned to J.Kann. Closed to consolidate with spill number 0211650."

Remarks: "tank test failure"

All Materials:
Site ID: 411239
Operable Unit ID: 1167702
Operable Unit: 01
Material ID: 2159290
Material Code: 9999
Material Name: other - none empty tank
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

O225
SW
1/8-1/4
0.160 mi.
846 ft.
CON EDISON
1608 MADISON AVE
NEW YORK, NY 10128
Site 8 of 9 in cluster O

NY MANIFEST **S113496389**
N/A

Relative: NY MANIFEST:
Lower Country: USA
Actual: EPA ID: NYP004581419
17 ft. Facility Status: Not reported
Location Address 1: 1608 MADISON AVE
Code: BP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S113496389

Location Address 2: SB 50570
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10128
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004581419
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: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/30/2014
Trans1 Recv Date: 06/30/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/30/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004581419
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254748JJK
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: 1500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S113496389

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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

O226
SW
1/8-1/4
0.160 mi.
846 ft.

CON EDISON SERVICE BOX: 50684
1608 MADISON AVE
NEW YORK, NY 10029
Site 9 of 9 in cluster O

RCRA NonGen / NLR 1016451134
NY MANIFEST NYP004301735

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/16/2013
Facility name: CON EDISON SERVICE BOX: 50684
Facility address: 1608 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004301735
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 04/16/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50684 (Continued)

1016451134

Site name: CON EDISON SERVICE BOX: 50684
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301735
Facility Status: Not reported
Location Address 1: 1608 MADISON AVE
Code: BP
Location Address 2: SERV BOX 50684
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301735
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/16/2013
Trans1 Recv Date: 04/16/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301735
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010708459JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50684 (Continued)

1016451134

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

S227
ESE
1/8-1/4
0.162 mi.
854 ft.

CON EDISON
173 E 111 ST
NEW YORK, NY 10029

NY MANIFEST **S116045684**
N/A

Site 3 of 5 in cluster S

Relative:
Lower
Actual:
16 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004421491
Facility Status: Not reported
Location Address 1: 173 E 111 ST
Code: BP
Location Address 2: SB18386
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004421491
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S116045684

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	01/17/2014
Trans1 Recv Date:	01/17/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/17/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004421491
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002330006GBF
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:	500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S228
ESE
1/8-1/4
0.162 mi.
854 ft.

CON EDISON
173 111TH ST
NEW YORK, NY 10029

Site 4 of 5 in cluster S

NY MANIFEST **S117316436**
N/A

Relative:
Lower

NY MANIFEST:

Actual:
16 ft.

Country: USA
EPA ID: NYP004637013
Facility Status: Not reported
Location Address 1: 173 111TH ST
Code: BP
Location Address 2: SB 18386
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004637013
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: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/23/2014
Trans1 Recv Date: 08/23/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/27/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004637013
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254456JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117316436

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

U229
NNE
1/8-1/4
0.164 mi.
864 ft.

CON EDISON
63 E 115TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS
ECHO

1019902222
NYP004771168

Site 1 of 11 in cluster U

Relative:
Higher
Actual:
29 ft.

RCRA NonGen / NLR:
Date form received by agency: 04/20/2015
Facility name: CON EDISON
Facility address: 63 E 115TH ST
NEW YORK, NY 10029
EPA ID: NYP004771168
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019902222

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 04/20/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069677362

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: 1019902222
Registry ID: 110069677362
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069677362>

U230
NNE
1/8-1/4
0.164 mi.
864 ft.

63 EAST 115 STREET
63 EAST 115TH STREET
NEW YORK, NY 10029
Site 2 of 11 in cluster U

NY UST **U003835994**
N/A

Relative:
Higher
Actual:
29 ft.

UST:
Id/Status: 2-606877 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 08/29/2006
UTM X: 589018.57865
UTM Y: 4516990.65130
Site Type: Apartment Building/Office Building
Affiliation Records:
Site Id: 28732
Affiliation Type: Emergency Contact
Company Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

63 EAST 115 STREET (Continued)

U003835994

Contact Type: Not reported
Contact Name: 213/215 MOTT ST. H.D.F.C.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 613-0908
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2008-03-04

Site Id: 28732
Affiliation Type: Facility Owner
Company Name: NYC/HPD/DAMP
Contact Type: Not reported
Contact Name: Not reported
Address1: 100 GOLD ST., #7Z5
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 863-7301
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-07-16

Site Id: 28732
Affiliation Type: Mail Contact
Company Name: NYC/HPD/DAMP
Contact Type: Not reported
Contact Name: ASST. COMMISSIONER/DAMP
Address1: 100 GOLD STREET
Address2: #7Z5
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 863-7301
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2014-05-01

Site Id: 28732
Affiliation Type: Facility Operator
Company Name: 63 EAST 115 STREET
Contact Type: Not reported
Contact Name: ASST. COMMISSIONER/DAMP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

63 EAST 115 STREET (Continued)

U003835994

Zip Code: Not reported
Country Code: 001
Phone: (212) 863-7301
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 61974
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1500
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: 00
Date Test: Not reported
Next Test Date: 10/11/2016
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 05/04/2017

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

U231
NNE
1/8-1/4
0.164 mi.
864 ft.

CON EDISON
63 E 115TH ST
NEW YORK, NY 10029
Site 3 of 11 in cluster U

NJ MANIFEST **S120670765**
N/A

Relative:
Higher
Actual:
29 ft.

NJ MANIFEST:
EPA Id: NYP004771168
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120670765

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:	002611778GBF
EPA ID:	NYP004771168
Date Shipped:	4/20/2015
TSDf EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
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:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U232
NNE
1/8-1/4
0.164 mi.
864 ft.
CON EDISON
63 E 115TH ST
NEW YORK, NY 10029
Site 4 of 11 in cluster U

NY MANIFEST **S118089509**
N/A

Relative:
Higher

Actual:
29 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004771168
Facility Status: Not reported
Location Address 1: 63 E 115TH ST
Code: BP
Location Address 2: SB 18966
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004771168
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/20/2015
Trans1 Recv Date: 04/20/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/22/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004771168
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002611778GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118089509

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

V233
SE
1/8-1/4
0.164 mi.
865 ft.

CON EDISON
176 E 111 ST
NEW YORK, NY 10029
Site 1 of 14 in cluster V

NY MANIFEST **S117317128**
N/A

Relative:
Lower
Actual:
15 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004644928
Facility Status: Not reported
Location Address 1: 176 E 111 ST
Code: BP
Location Address 2: SB18391
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004644928
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317128

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	09/02/2014
Trans1 Recv Date:	09/02/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/02/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004644928
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002609141GBF
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:	500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W234
WNW
1/8-1/4
0.164 mi.
866 ft.

CONED
30 W 111TH ST
NEW YORK, NY 10001

Site 1 of 13 in cluster W

NY MANIFEST **S109825027**
N/A

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004180444
Facility Status: Not reported
Location Address 1: 30 W 111TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004180444
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING ST
Mailing Address 2: ROOM 818
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/29/2009
Trans1 Recv Date: 06/29/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/29/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004180444
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001084082GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONED (Continued)

S109825027

Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

R235
WSW
1/8-1/4
0.166 mi.
876 ft.

**THE TWELVE SEVENTY FIFIT AVENUE COP.INC.
1270 FIFTH AVENUE
MANHATTAN, NY 10029**

**NY UST U001833901
N/A**

Site 7 of 7 in cluster R

**Relative:
Lower
Actual:
17 ft.**

UST:
Id/Status: 2-240214 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588608.08736
UTM Y: 4516610.90498
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 9088
Affiliation Type: Facility Owner
Company Name: THE TWELVE SEVENTY FIFTH AVENUE COOPERATIVE INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 1270 FIFTH AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029
Country Code: 001
Phone: (212) 534-7981
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE TWELVE SEVENTY FIFIT AVENUE COP.INC. (Continued)

U001833901

Date Last Modified: 2004-03-04

Site Id: 9088
Affiliation Type: Mail Contact
Company Name: COOPER SQUARE REALTY, INC.
Contact Type: Not reported
Contact Name: EELIOTT DAVIS
Address1: 6 EAST 43RD STREET 14TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 682-7373
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9088
Affiliation Type: Facility Operator
Company Name: THE TWELVE SEVENTY FIFIT AVENUE COP.INC.
Contact Type: Not reported
Contact Name: BENNY DIAZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 543-7941
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9088
Affiliation Type: Emergency Contact
Company Name: THE TWELVE SEVENTY FIFTH AVENUE COOPERATIVE INC.
Contact Type: Not reported
Contact Name: BENNY DIAZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 543-7941
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 10244

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE TWELVE SEVENTY FIFTH AVENUE COP. INC. (Continued)

U001833901

Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 15000
Install Date: Not reported
Date Tank Closed: 05/01/1998
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
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None

X236
South
1/8-1/4
0.166 mi.
879 ft.
CON EDISON
100 E 108TH ST
NEW YORK, NY 10029
Site 1 of 4 in cluster X

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST
1012186189
NYP004170270

Relative:
Lower
Actual:
16 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 100 E 108TH ST
NEW YORK, NY 10029
EPA ID: NYP004170270
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5423
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186189

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
Used 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: 05/20/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004170270
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STEVEN MARTIS
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 003534275JJK
EPA ID: NYP004170270
Date Shipped: 05/19/2009
TSD 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: 05/19/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186189

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: 05/20/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1500 P

NY MANIFEST:

Country: USA
EPA ID: NYP004170270
Facility Status: Not reported
Location Address 1: 100 E 109TH ST E PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004170270
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PL 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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186189

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2009
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/19/2009
Trans1 Recv Date:	05/19/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/20/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004170270
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	003534275JJK
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:	H111
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:	1500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Y237
NNW
1/8-1/4
0.166 mi.
879 ft.

CON EDISON SERVICE BOX: 34121
1393 5TH AVE
NEW YORK, NY 10035

Site 1 of 5 in cluster Y

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1016451001
NYP004300356

Relative:
Higher

RCRA NonGen / NLR:

Actual:
22 ft.

Date form received by agency: 05/10/2013
Facility name: CON EDISON SERVICE BOX: 34121
Facility address: 1393 5TH AVE
NEW YORK, NY 10035
EPA ID: NYP004300356
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-894-9549
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
Used 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: 04/10/2013
Site name: CON EDISON SERVICE BOX: 34121
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110056328068

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 34121 (Continued)

1016451001

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016451001
Registry ID: 110056328068
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056328068>

NY MANIFEST:

Country: USA
EPA ID: NYP004300356
Facility Status: Not reported
Location Address 1: F/O 1393 5TH AVE
Code: BP
Location Address 2: SERVICE BOX # 34121
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300356
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300356
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707726JJK
Import Indicator: N
Export Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 34121 (Continued)

1016451001

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

U238
NNE
1/8-1/4
0.168 mi.
889 ft.

CON EDISON SERVICE BOX: 50751
1755 MADISON AVE FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR **1016450972**
NY MANIFEST **NYP004300067**

Site 5 of 11 in cluster U

Relative:
Higher
Actual:
29 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/09/2013
Facility name: CON EDISON SERVICE BOX: 50751
Facility address: 1755 MADISON AVE FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004300067
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50751 (Continued)

1016450972

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: 04/09/2013
Site name: CON EDISON SERVICE BOX: 50751
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300067
Facility Status: Not reported
Location Address 1: F/O 1755 MADISON AVE
Code: BP
Location Address 2: SERVICE BOX # 50751
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300067
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50751 (Continued)

1016450972

TSD Site Recv Date: 04/10/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300067
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708377JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Z239
SSE
1/8-1/4
0.170 mi.
896 ft.
CLINTON I HOUSES
1744 LEXINGTON AVE
MANHATTAN, NY
Site 1 of 3 in cluster Z

NY LTANKS
NY Spills
S102662553
N/A

Relative: LTANKS:
Lower Facility ID: 9107784
Site ID: 154312
Actual: Closed Date: 1993-07-06
15 ft. Spill Number: 9107784
Spill Date: 1991-10-21
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON I HOUSES (Continued)

S102662553

Cleanup Ceased: 1993-07-06
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1991-10-21
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: 1991-10-23
Spill Record Last Update: 1997-08-19
Spiller Name: FRANK OCELLO
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 130866
DEC Memo: ""
Remarks: "FUEL CAME OUT OF VENT PIPE, ONTO SOIL. CASTLE OIL DRIVER APPLIED SPEEDY DRY."

All TTF:

Facility ID: 9107784
Spill Number: 9107784
Spill Tank Test: 1539196
Site ID: 154312
Tank Number: Not reported
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: 02
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: 154312
Operable Unit ID: 958244
Operable Unit: 01
Material ID: 419971
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON I HOUSES (Continued)

S102662553

Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:

Facility ID: 9206235
Facility Type: ER
Spill Number: 9206235
DER Facility ID: 197391
Site ID: 239972
DEC Region: 2
Closed Date: 1992-09-01
Spill Cause: Other
Spill Class: C4
SWIS: 3101
Spill Date: 1992-08-29
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1992-08-29
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: 1992-09-01
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-09-03
Spill Record Last Update: 1997-08-19
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "FIRE WITH #1 BURNER, NYCFD AND NYCPD ON SCENE, WINSTON TO CLEANUP FIREDEBRIS"

All TTF:

Facility ID: 9206235
Spill Number: 9206235
Spill Tank Test: 1540470
Site ID: 239972
Tank Number: Not reported
Tank Size: 0
Material: 0002
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON I HOUSES (Continued)

S102662553

Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 239972
Operable Unit ID: 973477
Operable Unit: 01
Material ID: 410409
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9201407
Facility Type: ER
Spill Number: 9201407
DER Facility ID: 277502
Site ID: 154313
DEC Region: 2
Closed Date: 1993-07-07
Spill Cause: Human Error
Spill Class: C4
SWIS: 3101
Spill Date: 1992-05-05
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1992-05-05
CID: Not reported
Water Affected: 11
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: 1993-07-07
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-05-06
Spill Record Last Update: 1997-08-19
Spiller Name: Not reported
Spiller Company: NYC HOSUING AUTHORITY
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "CONTAINED IN PAVED PARKING LOT. NYC HOUSING WILL CLEAN UP."

All TTF:

Facility ID: 9201407
Spill Number: 9201407
Spill Tank Test: 1539954
Site ID: 154313

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON I HOUSES (Continued)

S102662553

Tank Number: Not reported
Tank Size: 0
Material: 0002
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: 154313
Operable Unit ID: 965374
Operable Unit: 01
Material ID: 412721
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: .00
Oxygenate: Not reported

AA240 **CON EDISON SERVICE BOX: 17988**
WSW **19 E 108TH ST**
1/8-1/4 **NEW YORK, NY 10029**
0.171 mi.
905 ft. **Site 1 of 3 in cluster AA**

RCRA NonGen / NLR **1016451131**
NY MANIFEST **NYP004301701**

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/16/2013
Facility name: CON EDISON SERVICE BOX: 17988
Facility address: 19 E 108TH ST
NEW YORK, NY 10029
EPA ID: NYP004301701
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 17988 (Continued)

1016451131

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 04/16/2013
Site name: CON EDISON SERVICE BOX: 17988
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301701
Facility Status: Not reported
Location Address 1: 19 E 108TH ST
Code: BP
Location Address 2: SERV BOX 17988
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301701
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/16/2013
Trans1 Recv Date: 04/16/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 17988 (Continued)

1016451131

Generator EPA ID: NYP004301701
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708470JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

V241
ESE
1/8-1/4
0.173 mi.
915 ft.

CON EDISON
179 E 111 ST
NEW YORK, NY 10029
Site 2 of 14 in cluster V

NY MANIFEST **S117317130**
N/A

Relative:
Lower
Actual:
16 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004644951
Facility Status: Not reported
Location Address 1: 179 E 111 ST
Code: BP
Location Address 2: SB18387
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317130

NY MANIFEST:

EPAID: NYP004644951
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/02/2014
Trans1 Recv Date: 09/02/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644951
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002609142GBF
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317130

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 additional NY_MANIFEST: detail in the EDR Site Report.

W242
WNW
1/8-1/4
0.174 mi.
917 ft.

WEST 110TH REALTY
15-19 WEST 110TH STREET
NEW YORK, NY 10026
Site 2 of 13 in cluster W

NY AST **A100175129**
N/A

Relative:
Higher
Actual:
20 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-399876
Program Type: PBS
UTM X: 588627.51604
UTM Y: 4516837.96017
Expiration Date: 08/06/2021
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 19060
Affiliation Type: Facility Owner
Company Name: W 110TH REALTY
Contact Type: MANAGING AGENT
Contact Name: JOSEPH BILDIRICI
Address1: 12 E. 37TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 447-6848
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 2007-07-10

Site Id: 19060
Affiliation Type: Mail Contact
Company Name: W 110TH REALTY
Contact Type: Not reported
Contact Name: JOSEPH BILDIRICI
Address1: 12 E. 37TH STREET
Address2: 2ND FLOOR
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 447-6848
EMail: BUILDINGMGMT@AOL.COM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST 110TH REALTY (Continued)

A100175129

Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-07-28

Site Id: 19060
Affiliation Type: Facility Operator
Company Name: WEST 110TH REALTY
Contact Type: Not reported
Contact Name: EDWARD ROSADO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 442-6848
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2016-07-28

Site Id: 19060
Affiliation Type: Emergency Contact
Company Name: W 110TH REALTY
Contact Type: Not reported
Contact Name: JOSEPH BILDIRICI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 447-0613
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 2007-07-10

Tank Info:

Tank Number: 001
Tank Id: 21677
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEST 110TH REALTY (Continued)

A100175129

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/09/1983
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: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

**V243
SE
1/8-1/4
0.174 mi.
918 ft.**

**CON ED
182 E 111TH ST
NEW YORK, NY 10029
Site 3 of 14 in cluster V**

**NY MANIFEST S119077684
N/A**

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYP004836449
Facility Status: Not reported
Location Address 1: OPP 182 EAST 111TH ST
Code: BP
Location Address 2: SB 18387
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

**Actual:
15 ft.**

NY MANIFEST:
EPAID: NYP004836449
Mailing Name: CON ED
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: 2124603770

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: 09/09/2015
Trans1 Recv Date: 09/09/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/11/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED (Continued)

S119077684

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004836449
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014472905JJK
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: 500
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: D003
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.

V244
SE
1/8-1/4
0.174 mi.
918 ft.

CON EDISON
182 E 111TH ST
NEW YORK, NY 10029

Site 4 of 14 in cluster V

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 09/09/2015
Facility name: CON EDISON
Facility address: 182 E 111TH ST
NEW YORK, NY 10029
EPA ID: NYP004836449
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported

RCRA NonGen / NLR 1019907647
FINDS NYP004836449
ECHO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019907647

Contact country: Not reported
Contact telephone: Not reported
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
Used 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: 09/09/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069704591

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: 1019907647
Registry ID: 110069704591
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069704591>

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

V245
SE
1/8-1/4
0.174 mi.
918 ft.
CON EDISON
182 E 111TH ST
NEW YORK, NY 10029
Site 5 of 14 in cluster V

NJ MANIFEST
S120676514
N/A

Relative:
Lower

NJ MANIFEST:

Actual:
15 ft.

EPA Id: NYP004836449
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 014472905JJK
EPA ID: NYP004836449
Date Shipped: 9/9/2015
TSD 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 TSD Received Waste: Not reported
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120676514

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

Y246
North
1/8-1/4
0.176 mi.
927 ft.
CON EDISON SERVICE BOX: 34122
1397 5TH AVE
NEW YORK, NY 10035
Site 2 of 5 in cluster Y

RCRA NonGen / NLR
NY MANIFEST
1016451002
NYP004300364

Relative:
Higher
Actual:
23 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/10/2013
Facility name: CON EDISON SERVICE BOX: 34122
Facility address: 1397 5TH AVE
NEW YORK, NY 10035
EPA ID: NYP004300364
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-894-9549
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
Used 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: 04/10/2013
Site name: CON EDISON SERVICE BOX: 34122
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300364

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 34122 (Continued)

1016451002

Facility Status: Not reported
Location Address 1: F/O 13975 TH AVE
Code: BP
Location Address 2: SERVICE BOX # 34122
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300364
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/10/2013
Trans1 Recv Date: 04/10/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300364
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707736JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 34122 (Continued)

1016451002

Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**U247
NNE
1/8-1/4
0.176 mi.
928 ft.**

**CON EDISON SERVICE BOX: 50752
1759 MADISON AVE FRONT OF
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016450973
NY MANIFEST NYP004300075**

Site 6 of 11 in cluster U

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
30 ft.**

Date form received by agency: 05/09/2013
Facility name: CON EDISON SERVICE BOX: 50752
Facility address: 1759 MADISON AVE FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004300075
Contact: RICARDO CARTY
Contact address: Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50752 (Continued)

1016450973

Historical Generators:

Date form received by agency: 04/09/2013
Site name: CON EDISON SERVICE BOX: 50752
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300075
Facility Status: Not reported
Location Address 1: F/O 1759 MADISON AVE
Code: BP
Location Address 2: SERVICE BOX # 50752
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300075
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/10/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300075
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708379JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50752 (Continued)

1016450973

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AB248
SW
1/8-1/4
0.177 mi.
937 ft.

CON EDISON SERVICE BOX: 50683
1600 MADISON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR **1016451133**
NY MANIFEST **NYP004301727**

Site 1 of 10 in cluster AB

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/16/2013
Facility name: CON EDISON SERVICE BOX: 50683
Facility address: 1600 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004301727
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50683 (Continued)

1016451133

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 04/16/2013
Site name: CON EDISON SERVICE BOX: 50683
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301727
Facility Status: Not reported
Location Address 1: 1600 MADISON AVE
Code: BP
Location Address 2: SERV BOX 50683
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301727
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/16/2013
Trans1 Recv Date: 04/16/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50683 (Continued)

1016451133

Generator EPA ID: NYP004301727
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708458JJK
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: 800
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Z249
SSE
1/8-1/4
0.178 mi.
940 ft.

CON EDISON SERVICE BOX: 18138
156 E 109TH ST
NEW YORK, NY 10029
Site 2 of 3 in cluster Z

RCRA NonGen / NLR **1016451068**
NY MANIFEST **NYP004301065**

Relative:
Lower
Actual:
15 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/12/2013
Facility name: CON EDISON SERVICE BOX: 18138
Facility address: 156 E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004301065
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
Contact email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18138 (Continued)

1016451068

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: 04/12/2013
Site name: CON EDISON SERVICE BOX: 18138
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301065
Facility Status: Not reported
Location Address 1: 156 E 109TH ST
Code: BP
Location Address 2: SERV BOX 18138
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301065
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18138 (Continued)

1016451068

seq:	Not reported
Year:	2013
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	04/12/2013
Trans1 Recv Date:	04/12/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/12/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004301065
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	010708406JJK
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:	500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Y250
NNW
1/8-1/4
0.181 mi.
954 ft.

NYCHA - KING TOWERS
2 W 115TH ST
NEW YORK, NY 10026
Site 3 of 5 in cluster Y

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1001968888
NYR000080697

Relative:
Higher

RCRA NonGen / NLR:

Actual:
23 ft.

Date form received by agency: 01/01/2007
Facility name: NYCHA - KING TOWERS
Facility address: 2 W 115TH ST
NEW YORK, NY 10026
EPA ID: NYR000080697
Mailing address: BROADWAY
NEW YORK, NY 10007
Contact: ANTHONY SOLOMITA
Contact address: BROADWAY
NEW YORK, NY 10007
Contact country: US
Contact telephone: 212-306-8540
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: NEW YORK CITY HOUSING AUTHORITY
Owner/operator address: 250 BROADWAY
NEW YORK, NY 10007
Owner/operator country: US
Owner/operator telephone: 212-306-8540
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: NEW YORK CITY HOUSING AUTHORITY
Owner/operator address: 250 BROADWAY
NEW YORK, NY 10007
Owner/operator country: US
Owner/operator telephone: 212-306-8540
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - KING TOWERS (Continued)

1001968888

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: NYCHA - KING TOWERS
Classification: Not a generator, verified

Date form received by agency: 03/30/2000
Site name: NYCHA - KING TOWERS
Classification: Large Quantity Generator

Waste code: D002
Waste name: CORROSIVE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004558504

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: 1001968888
Registry ID: 110004558504
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004558504>

NY MANIFEST:

Country: USA
EPA ID: NYR000080697
Facility Status: Not reported
Location Address 1: 2 W 115TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - KING TOWERS (Continued)

1001968888

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000080697
Mailing Name: NYCHA - KING TOWERS
Mailing Contact: ANTHONY SOLOMITA
Mailing Address 1: 23-02 49TH AVE
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip 4: 4528
Mailing Country: USA
Mailing Phone: 7187075731

NY MANIFEST:

Document ID: NJA3130866
Manifest Status: Not reported
seq: 01
Year: 2000
Trans1 State ID: S5811
Trans2 State ID: Not reported
Generator Ship Date: 04/05/2000
Trans1 Recv Date: 04/05/2000
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/05/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000080697
Trans1 EPA ID: NJ0000027193
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD 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: D002 - NON-LISTED CORROSIVE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00019
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCHA - KING TOWERS (Continued)

1001968888

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY_MANIFEST: record(s) in the EDR Site Report.

S251
ESE
1/8-1/4
0.181 mi.
958 ft.

CON EDISON SERVICE BOX: 18529
176 E 112TH ST FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST

1016961778
NYP004346755

Site 5 of 5 in cluster S

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 09/16/2013
Facility name: CON EDISON SERVICE BOX: 18529
Facility address: 176 E 112TH ST FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004346755
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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
Used 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: 08/16/2013
Site name: CON EDISON SERVICE BOX: 18529
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004346755
Facility Status: Not reported
Location Address 1: FO 176 E 112 ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18529 (Continued)

1016961778

Code: BP
Location Address 2: SB #18524
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004346755
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/16/2013
Trans1 Recv Date: 08/16/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/19/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004346755
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002086703GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18529 (Continued)

1016961778

Quantity: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AA252
WSW
1/8-1/4
0.183 mi.
966 ft.

CON EDISON SERVICE BOX: 17987
10 E 108TH ST OPPOSITE
NEW YORK, NY 10029

RCRA NonGen / NLR **1016451130**
NY MANIFEST **NYP004301693**

Site 2 of 3 in cluster AA

Relative:
Higher

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 05/16/2013
Facility name: CON EDISON SERVICE BOX: 17987
Facility address: 10 E 108TH ST OPPOSITE
NEW YORK, NY 10029
EPA ID: NYP004301693
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 17987 (Continued)

1016451130

Historical Generators:

Date form received by agency: 04/16/2013
Site name: CON EDISON SERVICE BOX: 17987
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301693
Facility Status: Not reported
Location Address 1: OPP 10 E 108TH ST
Code: BP
Location Address 2: SERV BOX 17987
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301693
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/16/2013
Trans1 Recv Date: 04/16/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301693
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010708469JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 17987 (Continued)

1016451130

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AA253
WSW
1/8-1/4
0.183 mi.
966 ft.

CON EDISON SERVICE BOX: 17990
10 E 108TH ST
NEW YORK, NY 10029
Site 3 of 3 in cluster AA

RCRA NonGen / NLR **1016451132**
NY MANIFEST **NYP004301719**

Relative:
Higher

Actual:
18 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/16/2013
Facility name: CON EDISON SERVICE BOX: 17990
Facility address: 10 E 108TH ST
NEW YORK, NY 10029
EPA ID: NYP004301719
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 17990 (Continued)

1016451132

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 04/16/2013
Site name: CON EDISON SERVICE BOX: 17990
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301719
Facility Status: Not reported
Location Address 1: 10 E 108TH ST
Code: BP
Location Address 2: SERV BOX 17990
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301719
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/16/2013
Trans1 Recv Date: 04/16/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 17990 (Continued)

1016451132

Generator EPA ID: NYP004301719
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708457JJK
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: 700
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Y254
North
1/8-1/4
0.183 mi.
967 ft.

CON EDISON TRANSFORMER MANHOLE: 496
E 115TH ST & 5TH AVE
NEW YORK, NY 10029
Site 4 of 5 in cluster Y

RCRA NonGen / NLR **1016965947**
NY MANIFEST **NYP004388039**

Relative:
Higher
Actual:
23 ft.

RCRA NonGen / NLR:
Date form received by agency: 12/08/2013
Facility name: CON EDISON TRANSFORMER MANHOLE: 496
Facility address: E 115TH ST & 5TH AVE
NEW YORK, NY 10029
EPA ID: NYP004388039
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON TRANSFORMER MANHOLE: 496 (Continued)

1016965947

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: 11/08/2013
Site name: CON EDISON TRANSFORMER MANHOLE: 496
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004388039
Facility Status: Not reported
Location Address 1: E 115 ST & 5TH AVE
Code: BP
Location Address 2: SB496
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004388039
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON TRANSFORMER MANHOLE: 496 (Continued)

1016965947

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	11/08/2013
Trans1 Recv Date:	11/08/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/08/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004388039
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002237025GBF
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:	1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AC255
ENE
1/8-1/4
0.183 mi.
967 ft.
CON EDISON
133 E 115 ST
NEW YORK, NY 10029
Site 1 of 29 in cluster AC

NY MANIFEST **S117316723**
N/A

Relative:
Higher

Actual:
25 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP004640116
Facility Status: Not reported
Location Address 1: 133 E 115 ST
Code: BP
Location Address 2: SB 18977
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004640116
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: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/26/2014
Trans1 Recv Date: 08/26/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/27/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004640116
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254465JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117316723

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC256
ENE
1/8-1/4
0.183 mi.
967 ft.

CON EDISON SERVICE BOX: 18977
133 E 115TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR **1016968531**
NY MANIFEST **NYP004421541**

Site 2 of 29 in cluster AC

Relative:
Higher
Actual:
25 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/17/2014
Facility name: CON EDISON SERVICE BOX: 18977
Facility address: 133 E 115TH ST
NEW YORK, NY 10029
EPA ID: NYP004421541
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18977 (Continued)

1016968531

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: 01/17/2014
Site name: CON EDISON SERVICE BOX: 18977
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004421541
Facility Status: Not reported
Location Address 1: 133 E 115TH ST
Code: BP
Location Address 2: SB18977
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004421541
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2014
Trans1 Recv Date: 01/17/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004421541

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18977 (Continued)

1016968531

Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002329350GBF
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: 300
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

X257 **LEXINGTON GARDENS OWNERS LLC**
SSW **1465 PARK AVE**
1/8-1/4 **NEW YORK, NY 10029**
0.183 mi.
967 ft. **Site 2 of 4 in cluster X**

NY MANIFEST **S121447011**
N/A

Relative: NY MANIFEST:
Lower Country: USA
EPA ID: NYR000233619
Facility Status: Not reported
Location Address 1: 1465 PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Actual:
16 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEXINGTON GARDENS OWNERS LLC (Continued)

S121447011

NY MANIFEST:

EPAID: NYR000233619
Mailing Name: LEXINGTON GARDENS OWNERS LLC
Mailing Contact: LEXINGTON GARDENS OWNERS LLC
Mailing Address 1: 1465 PARK AVE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029
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: 2017
Trans1 State ID: NJR986653780
Trans2 State ID: Not reported
Generator Ship Date: 10/20/2017
Trans1 Recv Date: 10/20/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/20/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000233619
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 017580957JJK
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: 57220
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEXINGTON GARDENS OWNERS LLC (Continued)

S121447011

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 additional NY_MANIFEST: detail in the EDR Site Report.

X258
SSW
1/8-1/4
0.183 mi.
967 ft.

LEXINGTON GARDENS OWNERS LLC
1465 PARK AVE
NEW YORK, NY 10029
Site 3 of 4 in cluster X

RCRA-LQG **1023968706**
NYR000233619

Relative:
Lower

RCRA-LQG:

Actual:
16 ft.

Date form received by agency: 10/16/2017
Facility name: LEXINGTON GARDENS OWNERS LLC
Facility address: 1465 PARK AVE
NEW YORK, NY 10029
EPA ID: NYR000233619
Mailing address: PARK AVE
NEW YORK, NY 10029
Contact: MARK TRASHAJ
Contact address: PARK AVE
NEW YORK, NY 10029
Contact country: US
Contact telephone: 914-447-3075
Contact email: MTRASHAJ@IMDEVPARTNERS.COM
EPA Region: 02
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: LEXINGTON GARDENS OWNERS LLC
Owner/operator address: PALMER AVE
LARCHMONT, NY 10538
Owner/operator country: US
Owner/operator telephone: 212-233-0495
Owner/operator email: DDISHY@IMDEVPARTNERS.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/30/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEXINGTON GARDENS OWNERS LLC (Continued)

1023968706

Owner/Op end date: Not reported

Owner/operator name: LEXINGTON GARDENS OWNERS LLC
Owner/operator address: PALMER AVE
LARCHMONT, NY 10538

Owner/operator country: US
Owner/operator telephone: 212-233-0495
Owner/operator email: DDISHY@IMDEVPARTNERS.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/30/2017
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
Used 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

Violation Status: No violations found

V259
SE
1/8-1/4
0.183 mi.
968 ft.

CON EDISON
188 E 111 ST
NEW YORK, NY 10029

Site 6 of 14 in cluster V

NY MANIFEST **S116045682**
N/A

Relative: NY MANIFEST:
Lower Country: USA
EPA ID: NYP004421475
Actual: Facility Status: Not reported
15 ft. Location Address 1: 188 E 111 ST
Code: BP
Location Address 2: SB18393
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004421475
Mailing Name: CON EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S116045682

Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2014
Trans1 Recv Date: 01/17/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004421475
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002330003GBF
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S116045682

Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AB260
SSW
1/8-1/4
0.184 mi.
974 ft.

CON EDISON SERVICE BOX: 50687
1595 MADISON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR **1016451090**
NY MANIFEST **NYP004301297**

Site 2 of 10 in cluster AB

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 05/14/2013
Facility name: CON EDISON SERVICE BOX: 50687
Facility address: 1595 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004301297
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 04/14/2013
Site name: CON EDISON SERVICE BOX: 50687
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301297
Facility Status: Not reported
Location Address 1: 1595 MADISON AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50687 (Continued)

1016451090

Code: BP
Location Address 2: SERV BOX 50687
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004301297
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: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/18/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301297
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010708422JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50687 (Continued)

1016451090

Quantity: 250
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

W261
WNW
1/8-1/4
0.186 mi.
981 ft.

CON EDISON SERVICE BOX 18198
21 W 110TH ST SB 18198
NEW YORK, NY 10026

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918787
NYP004224069

Site 3 of 13 in cluster W

Relative:
Higher
Actual:
20 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/14/2011
Facility name: CON EDISON SERVICE BOX 18198
Facility address: 21 W 110TH ST SB 18198
NEW YORK, NY 10026
EPA ID: NYP004224069
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18198 (Continued)

1014918787

Historical Generators:

Date form received by agency: 01/15/2011
Site name: CON EDISON SERVICE BOX 18198
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004224069
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 007655700JJK
EPA ID: NYP004224069
Date Shipped: 1/15/2011
TSD 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 TSD Received Waste: Not reported
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18198 (Continued)

1014918787

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

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 500.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004224069
Facility Status: Not reported
Location Address 1: 21 W 110 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004224069
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: DENNIS HUACON
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: 2124602757

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: NJ0000027193
Generator Ship Date: 01/15/2011
Trans1 Recv Date: 01/15/2011
Trans2 Recv Date: 01/16/2011
TSD Site Recv Date: 01/17/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18198 (Continued)

1014918787

Generator EPA ID: NYP004224069
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007655700JJK
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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

W262
WNW
1/8-1/4
0.186 mi.
981 ft.

CON EDISON SERVICE BOX 18198
21 W 110TH ST SB 18198
NEW YORK, NY 10026
Site 4 of 13 in cluster W

RCRA NonGen / NLR **1014918607**
NJ MANIFEST **NYP004222238**
NY MANIFEST

Relative:
Higher
Actual:
20 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/28/2011
Facility name: CON EDISON SERVICE BOX 18198
Facility address: 21 W 110TH ST SB 18198
NEW YORK, NY 10026
EPA ID: NYP004222238
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18198 (Continued)

1014918607

Contact telephone: 347-865-5931
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: 12/29/2010
Site name: CON EDISON SERVICE BOX 18198
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004222238
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007655596JJK
EPA ID: NYP004222238
Date Shipped: 12/29/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18198 (Continued)

1014918607

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: 12/29/2010
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: 12/30/2010
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1000 P

NY MANIFEST:

Country: USA
EPA ID: NYP00422238
Facility Status: Not reported
Location Address 1: 21 WEST 110th STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP00422238
Mailing Name: CONSOLIDATED EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18198 (Continued)

1014918607

Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/29/2010
Trans1 Recv Date: 12/29/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/30/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004222238
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007655596JJK
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18198 (Continued)

1014918607

Waste Code 1_6:

Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

W263
WNW
1/8-1/4
0.186 mi.
981 ft.

21 W 110 ST
21 WEST 110TH STREET
NEW YORK, NY 10026

NY AST **U003385811**
N/A

Site 5 of 13 in cluster W

Relative:
Higher

AST:

Actual:
20 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-145807
Program Type: PBS
UTM X: 588597.03505
UTM Y: 4516801.06492
Expiration Date: 08/08/2021
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 4195
Affiliation Type: Mail Contact
Company Name: MARIN MGMT CORP.
Contact Type: Not reported
Contact Name: GARY GLABMAN
Address1: 157 EAST 25TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10010
Country Code: 001
Phone: (212) 213-0123
EMail: GARYG@MARIN-MGMT.COM
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-08-30

Site Id: 4195
Affiliation Type: Facility Operator
Company Name: 21 W 110 ST
Contact Type: Not reported
Contact Name: THOMAS HENRIQUES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 413-8283
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-06-16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

21 W 110 ST (Continued)

U003385811

Site Id: 4195
Affiliation Type: Emergency Contact
Company Name: PARKVIEW NORTH REALTY LLC C/O MARIN MGMT
Contact Type: Not reported
Contact Name: MARK SWICK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 882-6806
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-06-16

Site Id: 4195
Affiliation Type: Facility Owner
Company Name: PARKVIEW NORTH REALTY LLC C/O MARIN MGMT CORP.
Contact Type: MANAGING AGENT
Contact Name: GARY GLABMAN
Address1: 157 EAST 25TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10010
Country Code: 001
Phone: (212) 213-0123
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2016-09-21

Tank Info:

Tank Number: 001
Tank Id: 8636
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

21 W 110 ST (Continued)

U003385811

Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/15/1950
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: ACDANIEL
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

AB264 **VILLA HERMOSA APTS - BUILDING C**
SW **1596-1614 MADISON AVE/1600 MADISON AVENUE**
1/8-1/4 **MANHATTAN, NY**
0.186 mi.
982 ft. **Site 3 of 10 in cluster AB**

NY LTANKS **S109374705**
N/A

Relative:
Lower
Actual:
17 ft.

LTANKS:

Facility ID: 0809556
Site ID: 407026
Closed Date: 2009-04-15
Spill Number: 0809556
Spill Date: 2008-11-21
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jbvought
Referred To: Not reported
Reported to Dept: 2008-11-24
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: 2008-11-24
Spill Record Last Update: 2009-04-15
Spiller Name: JESSE CURLL
Spiller Company: AIMCO
Spiller Address: 638 GRANITE STREET, SUITE 312
Spiller County: 999
Spiller Contact: JESSE CURL
Spiller Phone: (781) 849-1471
Spiller Extention: 105
DEC Region: 2
DER Facility ID: 356284
DEC Memo: "11/24/2008 - Sangesland - New TTF spill report for an existing open spill site. Cross Ref Spill #0809556 - Village Hermosa - DEC Manager is Jeff Vought Contact Charles Merritt of Merritt Engineering (718-767-7997) works for a potential puchaser of the Apt complex. He hired Advanced Tank to test 3 tanks. All 3 tanks failed. 12/08/08-Vought-SEE ALSO OPEN SPILL NUMBERS 0313381, 081009, 0809556,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING C (Continued)

S109374705

0810012 for other failures in same apartment complex. THIS SITE POSSIBLE SOURCE TO OPEN SPILL AND OPEN PIN 0310458. Left message for Advanced Tank Services(ATS)Laura Capelli (800-440-8265) to fax tank tightness test results. Vought received tightness test results and Vought received three results from three different tanks respectively (one with fill pipe in Madison Avenue, one with fill pipe on 107th street and one with fill pipe on 108th street). Vought opened up two additional spill numbers as failures in separate addresses as per property shark. Vought sent out TTFs with cc to property owner and below requirements to: Mr. Jesse Curll AIMCO - Boston 639 Granite Street, Suite 312 Braintree, MA 02184 Fax:(781) 849-7652 Phone:(781) 849-1471x105 12/9/08-Vought-Site visit by Vought with Envirotrac (Lorthior), TRC Guder, TRC Eva, Metropolitan Realty (Bob, Frank and David Cruz-Beautiful Village Redevelopment Associates-917-299-7822). AIMCO sold property but retains liability with respect to tanks as per TRC Guder. Tank is 8000-gallon #2 fuel oil UST and tank was isolated and passed tank only test as per TRC Guder. Fill line and supply/return lines were isolated and passed test. Compression fitting on vent line being replaced. Tank is a partially buried UST and not AST as registered. DEC requires TTF letter: 1)Cc to ATS, Beautiful Village, Envirotrac and Janeski 2)USTs associated requirements or investigation via soil borings. 3)DEC presence when performing soil investigation adjacent to UST 4)Submission of Updated PBS registration. 5)Fingerprinting at both sites if well installation at Villa Hermosa shows presence of petroleum contamination. 6)call to Metropolitan and if determination that tanks will remain USTs then associated UST requirements. If wish to register tanks as ASTs then excavation and replacement of tanks required. 7)submission of TTF results including failing and passing tests. 04/10/09-Vought-Current file review by Vought: Tank Tightness Test Report (TRC Curll)-12/26/08. The Site contains three distinct buildings, known as Buildings A, B and C. Each building contains a fuel oil fired boiler and a steel petroleum tank containing #2 fuel oil which is used to supply fuel to the boiler. Building 'A' contains a 7,500-gallon tank Building 'B' contains a 6,000-gallon tank, and Building 'C' contains an 8,000-gallon tank. Each tank is located in the basement of the building and the bottom 2 feet of each tank is vaulted and encased in concrete on top of the basement floor. See the following spill numbers: Building A-0810009 (TTF) Building B-0810012 (TTF) Building C-0313381, 0809556 (TTF, soil excavation and well installation). As part of AMICO's divestiture of the property, the prospective purchaser (Metropolitan Realty Group, LLC.) performed tightness testing of all three tank systems on 11/21/08. ATS reported that all three (3) tank systems failed when utilizing the Mesa 2-D test system, which is an acoustical test system. Isolation and retesting and repair work performed by ProTest. All three manways were replaced on tanks since the manhole gasket material was observed to be deteriorated. All three (3) tanks were found to be tight or not leaking when utilizing the EXY-3 Locator Plus test system. The following describes the repair work: Building A- The fill line was not tight and was replaced. After repair the tank system tested tight. Building B- The overfill whistle/vent line was not tight. The cause of this leak was determined to be deteriorated fittings and these were replaced. After repair, the tank system tested tight. Building C-The overfill whistle/vent line was not tight. The cause of this leak was determined to be deteriorated fittings and these were replaced. After repair, the tank system tested tight. The report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLA HERMOSA APTS - BUILDING C (Continued)

S109374705

Remarks: recommends closure of spill 0809556. Passing tightness tests included for Buildings A, B and C. Site contacts: Bob Perine Metropolitan Realty Group LLC 15 West 39th Street, 7th Floor New York, NY 10018 Ph:(212)835-9040 Fax:(212)835-9059 email:bperine@metreal.com Charles Guder TRC ph:(212)221-7822x137 fax:(212)221-7840 email:cguder@trcsolutions.com 04/15/09-Vought-This spill closed and referred to open spill 03133381 at same location for same tank. "
"Callers co did a mesa 2D test on above tanks and had a failure on all 3. no spill or resources affected."

All Materials:

Site ID: 407026
Operable Unit ID: 1163591
Operable Unit: 01
Material ID: 2154938
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

AB265
SW
1/8-1/4
0.186 mi.
982 ft.

CON EDISON
1596 MADISON AV
NEW YORK, NY 10029
Site 4 of 10 in cluster AB

NY MANIFEST S117536161
N/A

Relative:
Lower
Actual:
17 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004686093
Facility Status: Not reported
Location Address 1: 1596 MADISON AV
Code: BP
Location Address 2: V3700
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004686093
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117536161

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/29/2014
Trans1 Recv Date:	10/29/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/31/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004686093
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002609893GBF
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:	500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

T266
SE
1/8-1/4
0.187 mi.
989 ft.

NY PUBLIC LIBRARY - AGUILAR BRANCH
174 E 110TH ST
NEW YORK, NY 10029
Site 8 of 9 in cluster T

RCRA-CESQG
FINDS
ECHO
NJ MANIFEST
NY MANIFEST

1004759526
NYR000012195

Relative:
Lower

RCRA-CESQG:

Actual:
15 ft.

Date form received by agency: 01/01/2007
Facility name: NY PUBLIC LIBRARY - AGUILAR BRANCH
Facility address: 174 E 110TH ST
NEW YORK, NY 10029
EPA ID: NYR000012195
Mailing address: 5TH AVE & 42ND ST
NEW YORK, NY 10018-2788
Contact: MICHAEL DEANE
Contact address: 5TH AVE & 42ND ST
NEW YORK, NY 10018-2788
Contact country: US
Contact telephone: 212-930-0617
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: THE NEW YORK PUBLIC LIBRARY
Owner/operator address: 5TH AVE & 42ND ST
NEW YORK, NY 10018
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

Owner/operator name: THE NEW YORK PUBLIC LIBRARY
Owner/operator address: 5TH AVE & 42ND ST
NEW YORK, NY 10018
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NY PUBLIC LIBRARY - AGUILAR BRANCH (Continued)

1004759526

Legal status: Municipal
Owner/Operator Type: Owner
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: NY PUBLIC LIBRARY - AGUILAR BRANCH
Classification: Small Quantity Generator

Date form received by agency: 08/23/1995
Site name: NY PUBLIC LIBRARY - AGUILAR BRANCH
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110004517853

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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NY PUBLIC LIBRARY - AGUILAR BRANCH (Continued)

1004759526

Envid: 1004759526
Registry ID: 110004517853
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004517853>

NJ MANIFEST:

EPA Id: NYR000012195
Mail Address: 174 E 110TH STREET
Mail City/State/Zip: NEW YORK 10029
Facility Phone: 2129300617
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
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: NJA5025291
EPA ID: NYR000012195
Date Shipped: 08/05/2004
TSD EPA ID: NJD991291105
Transporter EPA ID: NYD046765574
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: 08/05/2004
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 TSD Received Waste: 08/05/2004
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NY PUBLIC LIBRARY - AGUILAR BRANCH (Continued)

1004759526

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 09220422
Was Load Rejected: NEW YORK 10029
Reason Load Was Rejected: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYR000012195
Facility Status: Not reported
Location Address 1: 174 E 110 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000012195
Mailing Name: NYC PUBLIC LIBRARY AGUILAR BRANCH
Mailing Contact: NYC PUBLIC LIBRARY AGUILAR BRANCH
Mailing Address 1: 174 E 110 ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2129300617

NY MANIFEST:

Document ID: NJA5025291
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: 08424
Trans2 State ID: Not reported
Generator Ship Date: 08/05/2004
Trans1 Recv Date: 08/05/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/05/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000012195
Trans1 EPA ID: NYD046765574
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NY PUBLIC LIBRARY - AGUILAR BRANCH (Continued)

1004759526

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: 03000
Units: P - Pounds
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**T267
SE
1/8-1/4
0.187 mi.
989 ft.**

**AGUILAR BRANCH LIBRARY
174 EAST 110TH STREET
NEW YORK, NY 10029**

**NY AST U001840311
N/A**

Site 9 of 9 in cluster T

**Relative:
Lower
Actual:
15 ft.**

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-456977
Program Type: PBS
UTM X: 589159.43610
UTM Y: 4516482.63901
Expiration Date: N/A
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:
Site Id: 20170
Affiliation Type: Facility Owner
Company Name: NYC DEPARTMENT OF DESIGN & CONSTRUCTION
Contact Type: PROGRAM DIRECTOR
Contact Name: OWEN FOOTE
Address1: 30-30 THOMSON AVENUE
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 391-2934
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGUILAR BRANCH LIBRARY (Continued)

U001840311

Date Last Modified: 2015-03-31

Site Id: 20170
Affiliation Type: Facility Operator
Company Name: AGUILAR BRANCH LIBRARY
Contact Type: Not reported
Contact Name: FRANK LOBER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (646) 210-0725
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-03-31

Site Id: 20170
Affiliation Type: Mail Contact
Company Name: MATTHEW SIMPSON
Contact Type: Not reported
Contact Name: Not reported
Address1: 11-02 QUEENS PLAZA SOUTH
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-0900
EMail: MSIMPSON@PALCORP.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-03-31

Site Id: 20170
Affiliation Type: Emergency Contact
Company Name: NYC DEPARTMENT OF DESIGN & CONSTRUCTION
Contact Type: Not reported
Contact Name: CHARLES DINSTUHL
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 391-1204
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-03-31

Tank Info:

Tank Number: 001
Tank Id: 255071

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGUILAR BRANCH LIBRARY (Continued)

U001840311

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 03/23/2015
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 1
Tank Id: 36769
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGUILAR BRANCH LIBRARY (Continued)

U001840311

Date Tank Closed: 12/03/2004
Register: True
Modified By: CGFREEDM
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Z268
SSE
1/8-1/4
0.188 mi.
993 ft.
CON EDISON
164 E 109 ST
NEW YORK, NY 10029
Site 3 of 3 in cluster Z

NY MANIFEST **S117318284**
N/A

Relative:
Lower

NY MANIFEST:

Actual:
15 ft.

Country: USA
EPA ID: NYP004658001
Facility Status: Not reported
Location Address 1: 164 E 109 ST
Code: BP
Location Address 2: SB18139
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004658001
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/15/2014
Trans1 Recv Date: 09/15/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004658001
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002563977GBF
Import Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117318284

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: 900
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC269
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON
E 115TH ST & LEXINGTON AVE NE
NEW YORK, NY 10029
Site 3 of 29 in cluster AC

NY MANIFEST **S117062798**
N/A

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004551826
Facility Status: Not reported
Location Address 1: N/E/C E 115 & LEXINGTON AV
Code: BP
Location Address 2: MH39174
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004551826
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062798

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: 06/03/2014
Trans1 Recv Date: 06/03/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/06/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004551826
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013245841JJK
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: 1000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062798

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC270
ENE
1/8-1/4
0.188 mi.
994 ft.
CON EDISON
115TH ST & LEXINGTON AVE NE
NEW YORK, NY 10029
Site 4 of 29 in cluster AC

NJ MANIFEST S120672283
N/A

Relative:
Higher

Actual:
23 ft.

NJ MANIFEST:
EPA Id: NYP004788493
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 002614030GBF
EPA ID: NYP004788493
Date Shipped: 6/1/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120672283

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

AC271
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON
115TH ST & LEXINGTON AVE NE
NEW YORK, NY 10029

RCRA NonGen / NLR

1019903672
NYP004788493

Site 5 of 29 in cluster AC

Relative:
Higher
Actual:
23 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/01/2015
Facility name: CON EDISON
Facility address: 115TH ST & LEXINGTON AVE NE
COR
NEW YORK, NY 10029
EPA ID: NYP004788493
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019903672

Historical Generators:

Date form received by agency: 06/01/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

AC272
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON
115TH ST & LEXINGTON AVE NE
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS
ECHO

1019906229
NYP004818698

Site 6 of 29 in cluster AC

Relative:
Higher

Actual:
23 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/05/2015
Facility name: CON EDISON
Facility address: 115TH ST & LEXINGTON AVE NE
COR
NEW YORK, NY 10029
EPA ID: NYP004818698
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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
Used 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: 08/05/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019906229

Registry ID: 110069643737

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: 1019906229
Registry ID: 110069643737
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069643737>

**AC273
ENE
1/8-1/4
0.188 mi.
994 ft.**

**CON EDISON VAULT: 8775
E 115TH ST & LEXINGTON AVE SE
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016966081
NY MANIFEST NYP004389359**

Site 7 of 29 in cluster AC

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
23 ft.**

Date form received by agency: 12/12/2013
Facility name: CON EDISON VAULT: 8775
Facility address: E 115TH ST & LEXINGTON AVE SE
COR
NEW YORK, NY 10029
EPA ID: NYP004389359
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON VAULT: 8775 (Continued)

1016966081

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 11/12/2013
Site name: CON EDISON VAULT: 8775
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004389359
Facility Status: Not reported
Location Address 1: S/E/C E 115 THS & LEXINGTON AVE
Code: BP
Location Address 2: SB8775
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004389359
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 11/12/2013
Trans1 Recv Date: 11/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004389359
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002237088GBF
Import Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON VAULT: 8775 (Continued)

1016966081

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AC274
ENE
1/8-1/4
0.188 mi.
994 ft.**

**CON EDISON MANHOLE: 39174
E 115TH ST & LEXINGTON AVE
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016970188
NY MANIFEST NYP004438883**

Site 8 of 29 in cluster AC

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
23 ft.**

Date form received by agency: 03/10/2014
Facility name: CON EDISON MANHOLE: 39174
Facility address: E 115TH ST & LEXINGTON AVE
NE COR
NEW YORK, NY 10029
EPA ID: NYP004438883
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 39174 (Continued)

1016970188

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: 02/10/2014
Site name: CON EDISON MANHOLE: 39174
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004438883
Facility Status: Not reported
Location Address 1: N/E/C E 115 ST & LEXINGTON AVE
Code: BP
Location Address 2: MH # 39174
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004438883
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 39174 (Continued)

1016970188

Generator Ship Date: 02/10/2014
Trans1 Recv Date: 02/10/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/11/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004438883
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002330296GBF
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: Y
Manifest Ref Number: Not reported
Alt Facility RCRA ID: NJD991291105
Alt Facility Sign Date: 11-Feb-2014 00:00:00
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: 2000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC275
ENE
1/8-1/4
0.188 mi.
994 ft.

**CON EDISON
LEXINGTON AVE & W 115TH ST
NEW YORK, NY 10029
Site 9 of 29 in cluster AC**

**RCRA NonGen / NLR 1019906640
NYP004824658**

**Relative:
Higher**

RCRA NonGen / NLR:
Date form received by agency: 08/16/2015
Facility name: CON EDISON
Facility address: LEXINGTON AVE & W 115TH ST
NEW YORK, NY 10029
EPA ID: NYP004824658

**Actual:
23 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019906640

Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 08/16/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AC276
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON MANHOLE 39170
LEXINGTON AVE & E 115TH ST NW
NEW YORK, NY 10029

RCRA NonGen / NLR **1014919245**
NJ MANIFEST **NYP004234050**
NY MANIFEST

Site 10 of 29 in cluster AC

Relative:
Higher

RCRA NonGen / NLR:

Actual:
23 ft.

Date form received by agency: 05/19/2011
Facility name: CON EDISON MANHOLE 39170
Facility address: LEXINGTON AVE & E 115TH ST NW
COR
NEW YORK, NY 10029
EPA ID: NYP004234050
Mailing address: IRVING PLAZA RM 828
NEW YORK, NY 10003
Contact: STEVEN ALVARADO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-0733
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39170 (Continued)

1014919245

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
Used 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: 04/19/2011
Site name: CON EDISON MANHOLE 39170
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004234050
Mail Address: IRVING PLAZA RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STEVEN ALVARADO
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 007019134JJK
EPA ID: NYP004234050
Date Shipped: 4/19/2011
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39170 (Continued)

1014919245

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1,000.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004234050
Facility Status: Not reported
Location Address 1: N/W/C LEXINGTON AVE & E 115 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10002
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004234050
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39170 (Continued)

1014919245

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: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/19/2011
Trans1 Recv Date: 04/19/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/19/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004234050
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007019134JJK
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39170 (Continued)

1014919245

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC277
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON MANHOLE 39174
E 115TH ST & LEXINGTON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918455
NYP004220695

Site 11 of 29 in cluster AC

Relative:
Higher

Actual:
23 ft.

RCRA NonGen / NLR:
Date form received by agency: 12/24/2010
Facility name: CON EDISON MANHOLE 39174
Facility address: E 115TH ST & LEXINGTON AVE
NE COR
NEW YORK, NY 10029
EPA ID: NYP004220695
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 11/24/2010
Site name: CON EDISON MANHOLE 39174
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004220695
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39174 (Continued)

1014918455

Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001086229GBF
EPA ID: NYP004220695
Date Shipped: 11/24/2010
TSD 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: 11/24/2010
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 TSD Received Waste: 11/24/2010
TSD 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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39174 (Continued)

1014918455

Waste Code: D008
Hand Code: H111
Quantity: 6000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004220695
Facility Status: Not reported
Location Address 1: N/E/C E 115TH ST AND LEXINGTON
Code: BP
Location Address 2: AVE
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004220695
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: THOMAS TEELING
Mailing Address 1: 4 IRVING PL 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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 11/24/2010
Trans1 Recv Date: 11/24/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/24/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004220695
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001086229GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39174 (Continued)

1014918455

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: H111
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: 6000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AC278
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON
LEXINGTON AVE & W 115TH ST
NEW YORK, NY 10029

NJ MANIFEST S120675437
N/A

Site 12 of 29 in cluster AC

Relative:
Higher

Actual:
23 ft.

NJ MANIFEST:
EPA Id: NYP004824658
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 002612856GBF
EPA ID: NYP004824658
Date Shipped: 8/16/2015
TSDF EPA ID: NJD991291105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120675437

Transporter EPA ID: NJD003812047
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AC279
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON
115TH ST & LEXINGTON AVE NE
NEW YORK, NY 10029
Site 13 of 29 in cluster AC

NY MANIFEST **S119075596**
N/A

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004788493
Facility Status: Not reported
Location Address 1: NE COR 115TH ST & LEXINGTON AVE
Code: BP
Location Address 2: M 31974
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119075596

NY MANIFEST:

EPAID: NYP004788493
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/01/2015
Trans1 Recv Date: 06/01/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/01/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004788493
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002614030GBF
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: 1000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119075596

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
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

AC280
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON
115TH ST & LEXINGTON AVE NE
NEW YORK, NY 10029
Site 14 of 29 in cluster AC

NJ MANIFEST **S120674988**
N/A

Relative:
Higher

Actual:
23 ft.

NJ MANIFEST:	
EPA Id:	NYP004818698
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY061
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:	002612276GBF
EPA ID:	NYP004818698
Date Shipped:	8/5/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120674988

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AC281
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON MANHOLE 39170
E 115TH ST & LEXINGTON AVE NW
NEW YORK, NY 10029

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014926157
NYP004238818

Site 15 of 29 in cluster AC

Relative:
Higher
Actual:
23 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/21/2011
Facility name: CON EDISON MANHOLE 39170
Facility address: E 115TH ST & LEXINGTON AVE NW
COR
NEW YORK, NY 10029
EPA ID: NYP004238818
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN ALVARADO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-0733
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39170 (Continued)

1014926157

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: 07/22/2011
Site name: CON EDISON MANHOLE 39170
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004238818
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STEVEN ALVARADO
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007655226JJK
EPA ID: NYP004238818
Date Shipped: 7/22/2011
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39170 (Continued)

1014926157

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1,750.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004238818
Facility Status: Not reported
Location Address 1: N/W/C E 115 ST & LEXINGTON
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10002
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004238818
Mailing Name: CONSOLIDATED EDISON - MH 39170
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/22/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39170 (Continued)

1014926157

Trans1 Recv Date: 07/22/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/25/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004238818
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007655226JJK
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: H111
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: 1750.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AC282
ENE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON MANHOLE: 39174
E 115TH ST & LEXINGTON AVE NE
NEW YORK, NY 10029

RCRA NonGen / NLR 1017777290
NYP004551826

Site 16 of 29 in cluster AC

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 07/03/2014

Actual:
23 ft.

Facility name: CON EDISON MANHOLE: 39174
Facility address: E 115TH ST & LEXINGTON AVE NE
COR
NEW YORK, NY 10029
EPA ID: NYP004551826

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 39174 (Continued)

1017777290

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 06/03/2014
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 06/03/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

W283
WNW
1/8-1/4
0.189 mi.
996 ft.

MENON INVESTMENTS LLC
35 WEST 110TH STREET
NEW YORK, NY 10026
Site 6 of 13 in cluster W

NY AST **U003391609**
N/A

Relative:
Higher
Actual:
20 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-402095
Program Type: PBS
UTM X: 588736.29739
UTM Y: 4516701.37171
Expiration Date: 10/06/2022
Site Type: Apartment Building/Office Building

Affiliation Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MENON INVESTMENTS LLC (Continued)

U003391609

Site Id: 19246
Affiliation Type: Mail Contact
Company Name: MENON INVESTMENTS LLC
Contact Type: MANAGING MEMBER
Contact Name: GOOPINATH MENON
Address1: 35 WEST 110TH STREET, APT #7M
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10026
Country Code: 001
Phone: (212) 534-4006
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2007-07-24

Site Id: 19246
Affiliation Type: Facility Operator
Company Name: MENON INVESTMENTS LLC
Contact Type: Not reported
Contact Name: L. SANTOS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 534-4006
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19246
Affiliation Type: Emergency Contact
Company Name: MENON INVESTMENTS LLC
Contact Type: Not reported
Contact Name: L. SANTOS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 534-4006
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19246
Affiliation Type: Facility Owner
Company Name: MENON INVESTMENTS LLC
Contact Type: MANAGING MEMBER
Contact Name: GOPINATH MENON
Address1: 35 WEST 110TH STREET, APT #7M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MENON INVESTMENTS LLC (Continued)

U003391609

Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10026
Country Code: 001
Phone: (212) 534-4006
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-10-20

Tank Info:

Tank Number: 001
Tank Id: 21886
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/15/1984
Capacity Gallons: 3500
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: 10/20/2017
Material Name: #2 fuel oil (on-site consumption)

V284
SE
1/8-1/4
0.190 mi.
1003 ft.
CON EDISON
2018 3 AV
NEW YORK, NY 10029
Site 7 of 14 in cluster V

Relative:
Lower
Actual:
15 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004644811
Facility Status: Not reported
Location Address 1: 2018 3 AV

NY MANIFEST **S117317122**
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317122

Code: BP
Location Address 2: SB45623
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004644811
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/02/2014
Trans1 Recv Date: 09/02/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644811
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002609328GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317122

Quantity: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

U285
NNE
1/8-1/4
0.192 mi.
1016 ft.

CON EDISON SERVICE BOX: 50753
1765 MADISON AVE FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR **1016450974**
NY MANIFEST **NYP004300083**

Site 7 of 11 in cluster U

Relative:
Higher

RCRA NonGen / NLR:

Actual:
30 ft.

Date form received by agency: 05/09/2013
Facility name: CON EDISON SERVICE BOX: 50753
Facility address: 1765 MADISON AVE FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004300083
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50753 (Continued)

1016450974

Historical Generators:

Date form received by agency: 04/09/2013
Site name: CON EDISON SERVICE BOX: 50753
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300083
Facility Status: Not reported
Location Address 1: F/O 1765 MADISON AVE
Code: BP
Location Address 2: SERVICE BOX # 50753
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300083
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/10/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300083
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010708378JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 50753 (Continued)

1016450974

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC286 EAST HARLEM HEALTH CENTER
ENE 158 E 115TH ST
1/8-1/4 NEW YORK, NY 10029
0.193 mi.
1017 ft. Site 17 of 29 in cluster AC

NY MANIFEST S118708550
N/A

Relative:
Higher

Actual:
22 ft.

NY MANIFEST:
Country: USA
EPA ID: NYR000217380
Facility Status: Not reported
Location Address 1: 158 E 115TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000217380
Mailing Name: EAST HARLEM HEALTH CENTER
Mailing Contact: COURTNEY DRAYER
Mailing Address 1: 42-09 28TH STREET 16-100
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST HARLEM HEALTH CENTER (Continued)

S118708550

Mailing Country: USA
Mailing Phone: 3473966460

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2016
Trans1 State ID: MAC300016672
Trans2 State ID: Not reported
Generator Ship Date: 03/16/2016
Trans1 Recv Date: 03/16/2016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/17/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000217380
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: 009438579FLE
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: 123
Units: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: D002
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
5 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AC287
ENE
1/8-1/4
0.193 mi.
1017 ft.
EAST HARLEM HEALTH CENTER
158 E 115TH ST
NEW YORK, NY 10029
Site 18 of 29 in cluster AC

RCRA-CESQG
1017780146
NYR000217380

Relative:
Higher

Actual:
22 ft.

RCRA-CESQG:
Date form received by agency: 02/12/2015
Facility name: EAST HARLEM HEALTH CENTER
Facility address: 158 E 115TH ST
NEW YORK, NY 10029
EPA ID: NYR000217380
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST HARLEM HEALTH CENTER (Continued)

1017780146

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 WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST HARLEM HEALTH CENTER (Continued)

1017780146

- . Waste name: CHLOROFORM
- . Waste code: D038
- . Waste name: PYRIDINE
- . Waste code: D040
- . Waste name: TRICHLORETHYLENE
- . 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST HARLEM HEALTH CENTER (Continued)

1017780146

Violation Status: No violations found

AC288
ENE
1/8-1/4
0.193 mi.
1017 ft.

EAST HARLEM DISTRIBUTION CENTER
158 EAST 115 STREET
NEW YORK, NY 10029

NY UST **U001838024**
N/A

Site 19 of 29 in cluster AC

Relative:
Higher

UST:

Actual:
22 ft.

Id/Status: 2-219002 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589299.19885
UTM Y: 4516857.58343
Site Type: Other

Affiliation Records:

Site Id: 8370
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
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: 8370
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: 8370
Affiliation Type: Mail Contact
Company Name: NYC DEPT. OF HEALTH
Contact Type: Not reported
Contact Name: WAJID FARIDI
Address1: 2 LAFAYETTE STREET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST HARLEM DISTRIBUTION CENTER (Continued)

U001838024

Address2: 18TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10007
Country Code: 001
Phone: (212) 676-2200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 8370
Affiliation Type: Facility Operator
Company Name: EAST HARLEM DISTRIBUTION CENTER
Contact Type: Not reported
Contact Name: NORBERT ATAANDE, HSM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 360-5906
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 24071
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3088
Install Date: 01/01/1937
Date Tank Closed: 10/04/1994
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: 08/01/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
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
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAST HARLEM DISTRIBUTION CENTER (Continued)

U001838024

L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 002
Tank ID: 45811
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3088
Install Date: 09/01/1950
Date Tank Closed: 10/04/1994
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: 08/01/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

AC289
ENE
1/8-1/4
0.193 mi.
1017 ft.

CLOSED-LACKOF RECENT INFO
158 E 115TH ST
NEW YORK, NY
Site 20 of 29 in cluster AC

NY LTANKS **S106703277**
N/A

Relative:
Higher

Actual:
22 ft.

LTANKS:
Facility ID: 8805777
Site ID: 149548
Closed Date: 2003-03-05
Spill Number: 8805777
Spill Date: 1988-10-06
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 1988-10-07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S106703277

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:	1988-10-12
Spill Record Last Update:	2003-03-19
Spiller Name:	INSPCTR FEUERMAN
Spiller Company:	EAST HARLEM CNTR/NYC DOH
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:	127207
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:	"3K TK SYSTEM FAILED HORNER EZY CHEK. GROSS LEAK IN PIPING, REMOTE FILL, OR VENT LINE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

All TTF:

Facility ID:	8805777
Spill Number:	8805777
Spill Tank Test:	1534731
Site ID:	149548
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:	149548
Operable Unit ID:	920936
Operable Unit:	01
Material ID:	457686
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S106703277

Oxygenate: Not reported

V290
ESE
1/8-1/4
0.194 mi.
1024 ft.

CON EDISON
2024 3 AV
NEW YORK, NY 10029
Site 8 of 14 in cluster V

NY MANIFEST **S117317125**
N/A

Relative:
Lower

NY MANIFEST:

Country: USA
EPA ID: NYP004644845
Facility Status: Not reported
Location Address 1: 2024 3 AV
Code: BP
Location Address 2: SB45631
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004644845
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/02/2014
Trans1 Recv Date: 09/02/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644845
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002609041GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317125

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

V291
ESE
1/8-1/4
0.194 mi.
1024 ft.

CON EDISON SERVICE BOX: 45632
2026 3RD AVE
NEW YORK, NY 10029

RCRA NonGen / NLR 1016961663
NY MANIFEST NYP004345252

Site 9 of 14 in cluster V

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 09/13/2013
Facility name: CON EDISON SERVICE BOX: 45632
Facility address: 2026 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004345252
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-894-9549
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45632 (Continued)

1016961663

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: 08/13/2013
Site name: CON EDISON SERVICE BOX: 45632
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004345252
Facility Status: Not reported
Location Address 1: FO 2026 3RD AVE
Code: BP
Location Address 2: SB #45632
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004345252
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: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 08/13/2013
Trans1 Recv Date: 08/13/2013
Trans2 Recv Date: 08/15/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45632 (Continued)

1016961663

TSD Site Recv Date: 08/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004345252
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002086752GBF
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

U292
NNE
1/8-1/4
0.194 mi.
1026 ft.

CON EDISON SERVICE BOX: 19133
60 E 116TH ST OPPOSITE
NEW YORK, NY 10029

RCRA NonGen / NLR **1016451071**
NY MANIFEST **NYP004301099**

Site 8 of 11 in cluster U

Relative:
Higher

RCRA NonGen / NLR:

Actual:
30 ft.

Date form received by agency: 05/12/2013
Facility name: CON EDISON SERVICE BOX: 19133
Facility address: 60 E 116TH ST OPPOSITE
NEW YORK, NY 10029
EPA ID: NYP004301099
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19133 (Continued)

1016451071

Contact country: Not reported
Contact telephone: 347-865-5931
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: 04/12/2013
Site name: CON EDISON SERVICE BOX: 19133
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301099
Facility Status: Not reported
Location Address 1: OPP 60 E 116TH ST
Code: BP
Location Address 2: SERV BOX 19133
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301099
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19133 (Continued)

1016451071

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	04/12/2013
Trans1 Recv Date:	04/12/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/15/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004301099
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	010708411JJK
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:	500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U293 **CON EDISON SERVICE BOX: 19137**
NNE **60 E 116TH ST**
1/8-1/4 **NEW YORK, NY 10029**
0.194 mi.
1026 ft. **Site 9 of 11 in cluster U**

RCRA NonGen / NLR **1016451063**
NY MANIFEST **NYP004301016**

Relative:
Higher

RCRA NonGen / NLR:

Actual:
30 ft.

Date form received by agency: 05/12/2013
Facility name: CON EDISON SERVICE BOX: 19137
Facility address: 60 E 116TH ST
NEW YORK, NY 10029
EPA ID: NYP004301016
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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: 04/12/2013
Site name: CON EDISON SERVICE BOX: 19137
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004301016
Facility Status: Not reported
Location Address 1: 60 E 116TH ST
Code: BP
Location Address 2: SERV BOX 19137
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19137 (Continued)

1016451063

NY MANIFEST:

EPAID: NYP004301016
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/12/2013
Trans1 Recv Date: 04/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301016
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708414JJK
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19137 (Continued)

1016451063

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 additional NY_MANIFEST: detail in the EDR Site Report.

U294
NNE
1/8-1/4
0.194 mi.
1026 ft.

MARCEL CLEANERS
56 E 116TH ST
NEW YORK, NY 10029
Site 10 of 11 in cluster U

RCRA-SQG
ICIS
US AIRS
NY DRYCLEANERS
NY MANIFEST

1006810612
NYR000114298

Relative:
Higher

Actual:
30 ft.

RCRA-SQG:
Date form received by agency: 01/01/2007
Facility name: MARCEL CLEANERS
Facility address: 56 E 116TH ST
NEW YORK, NY 10029
EPA ID: NYR000114298
Mailing address: E 116TH ST
NEW YORK, NY 10029
Contact: MARCELO ORBE
Contact address: E 116TH ST
NEW YORK, NY 10029
Contact country: US
Contact telephone: 212-348-7121
Contact email: Not reported
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: MARCEL CLEANERS - MARCELO ORBE
Owner/operator address: E 116TH ST
NEW YORK, NY 10029
Owner/operator country: US
Owner/operator telephone: 212-348-7121
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: 03/01/2003
Owner/Op end date: Not reported

Owner/operator name: MARCELO ORBE
Owner/operator address: E 116TH ST
NEW YORK, NY 10029
Owner/operator country: US
Owner/operator telephone: 212-348-7121

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCEL CLEANERS (Continued)

1006810612

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: 06/15/2002
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
Used 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: MARCEL CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/21/2003
Site name: MARCEL CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCEL CLEANERS (Continued)

1006810612

ICIS:

Enforcement Action ID: NY000A0000262030016700308
FRS ID: 110014360271
Action Name: MARCEL CLEANERS 36061R323200308
Facility Name: MARCEL CLEANERS
Facility Address: 56 E 116TH ST
NEW YORK, NY 100291147
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.79979
Longitude in Decimal Degrees: -73.94437
Permit Type Desc: Not reported
Program System Acronym: NY0000002620300167
Facility NAICS Code: 812320
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262030016700305
FRS ID: 110014360271
Action Name: MARCEL CLEANERS 36061R323200305
Facility Name: MARCEL CLEANERS
Facility Address: 56 E 116TH ST
NEW YORK, NY 100291147
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.79979
Longitude in Decimal Degrees: -73.94437
Permit Type Desc: Not reported
Program System Acronym: NY0000002620300167
Facility NAICS Code: 812320
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262030016700301
FRS ID: 110014360271
Action Name: MARCEL CLEANERS 36061R323200301
Facility Name: MARCEL CLEANERS
Facility Address: 56 E 116TH ST
NEW YORK, NY 100291147
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.79979
Longitude in Decimal Degrees: -73.94437
Permit Type Desc: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCEL CLEANERS (Continued)

1006810612

Program System Acronym: NY0000002620300167
Facility NAICS Code: 812320
Tribal Land Code: Not reported

US AIRS MINOR:

Envid: 1006810612
Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
D and B Number: Not reported
Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2008-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCEL CLEANERS (Continued)

1006810612

Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-07-29 00:00:00
Activity Status Date: 2004-07-29 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-04-28 00:00:00
Activity Status Date: 2005-04-28 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-01-04 00:00:00
Activity Status Date: 2006-01-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCEL CLEANERS (Continued)

1006810612

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

US AIRS MINOR:

Envid: 1006810612
Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
D and B Number: Not reported
Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCEL CLEANERS (Continued)

1006810612

Activity Date: 2008-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2004-07-29 00:00:00
Activity Status Date: 2004-07-29 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-04-28 00:00:00
Activity Status Date: 2005-04-28 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2006-01-04 00:00:00
Activity Status Date: 2006-01-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCEL CLEANERS (Continued)

1006810612

Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-03-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620300167
Facility Registry ID: 110014360271
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2008-10-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

DRYCLEANERS:

Facility ID: 2-6203-00167
Phone Number: 212-348-7121
Region: Not reported
Registration Effective Date: 12/30/2002 10:11:13:706
Inspection Date: 06JAN4
Install Date: 02
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYR000114298
Facility Status: Not reported
Location Address 1: 56 E 116TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000114298
Mailing Name: MARCEL CLEANERS
Mailing Contact: N/S
Mailing Address 1: 56 E 116TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029
Mailing Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCEL CLEANERS (Continued)

1006810612

Mailing Country: USA
Mailing Phone: 2123487121

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2017
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 09/18/2017
Trans1 Recv Date: 09/18/2017
Trans2 Recv Date: 09/22/2017
TSD Site Recv Date: 09/22/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000114298
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: CDX107000000
TSD ID 2: Not reported
Manifest Tracking Number: 017158245JJK
Import Indicator: N
Export Indicator: Y
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: H020
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: 260
Units: P - Pounds
Number of Containers: 2
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: F002
Waste Code 1_2: D039
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
58 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

V295
ESE
1/8-1/4
0.197 mi.
1040 ft.

CON EDISON
2020 3RD AV
NEW YORK, NY 10029

Site 10 of 14 in cluster V

NY MANIFEST S117317124
N/A

Relative:
Lower

NY MANIFEST:

Actual:
16 ft.

Country: USA
EPA ID: NYP004644837
Facility Status: Not reported
Location Address 1: 2020 3RD AV
Code: BP
Location Address 2: SB45630
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004644837
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/02/2014
Trans1 Recv Date: 09/02/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644837
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002609040GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317124

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC296
ENE
1/8-1/4
0.197 mi.
1040 ft.

1860-1862 LEXINGTON AVE REALTY LLC
1862 LEXINGTON AVENUE
NEW YORK, NY 10029

NY AST A100177979
N/A

Site 21 of 29 in cluster AC

Relative:
Higher
Actual:
25 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-605677
Program Type: PBS
UTM X: 589290.08739
UTM Y: 4516913.42885
Expiration Date: 04/16/2021
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 27544
Affiliation Type: Facility Owner
Company Name: 1860-1862 LEXINGTON AVENUE REALTY LLC
Contact Type: AGENT
Contact Name: JOHN SCHROEDER
Address1: 161 SUFFOLK STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10002
Country Code: 001
Phone: (212) 228-4336
EMail: JOHNSCHROEDER@URBANMGMTLLC.COM
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1860-1862 LEXINGTON AVE REALTY LLC (Continued)

A100177979

Modified By: MRBARROW
Date Last Modified: 2016-04-26

Site Id: 27544
Affiliation Type: Mail Contact
Company Name: 1860-1862 LEXINGTON AVENUE REALTY LLC
Contact Type: AGENT
Contact Name: JOHN SCHROEDER
Address1: 161 SUFFOLK STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10002
Country Code: 001
Phone: (212) 228-4336
EMail: JOHNSCHROEDER@URBANMGMTLLC.COM
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-04-26

Site Id: 27544
Affiliation Type: Facility Operator
Company Name: 1860-1862 LEXINGTON AVE REALTY LLC
Contact Type: Not reported
Contact Name: FELTHON ROSARIO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 663-8918
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-04-26

Site Id: 27544
Affiliation Type: Emergency Contact
Company Name: 1860-1862 LEXINGTON AVENUE REALTY LLC
Contact Type: Not reported
Contact Name: JOHN SCHROEDER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 228-4336
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-02-08

Tank Info:

Tank Number: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1860-1862 LEXINGTON AVE REALTY LLC (Continued)

A100177979

Tank Id: 60229
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
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
I04 - Overfill - Product Level Gauge (A/G)
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe 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: 01/01/1990
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: MRBARROW
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

X297
South
1/8-1/4
0.197 mi.
1040 ft.

CON EDISON
101 E 107TH ST
NEW YORK, NY 10029

Site 4 of 4 in cluster X

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1012186206
NYP004170445

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 101 E 107TH ST
NEW YORK, NY 10029
EPA ID: NYP004170445
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5423
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186206

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: 05/22/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004170445
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STEVEN MARTIS
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 003534319JJK
EPA ID: NYP004170445
Date Shipped: 05/21/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186206

Date Trans1 Transported Waste: 05/21/2009
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: 05/22/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004170445
Facility Status: Not reported
Location Address 1: 101 E 107ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004170445
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012186206

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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/21/2009
Trans1 Recv Date: 05/21/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/22/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004170445
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 003534319JJK
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

U298
NE
1/8-1/4
0.197 mi.
1042 ft.
80 E 116 ST
80 EAST 116TH STREET
NEW YORK, NY 10023
Site 11 of 11 in cluster U

NY AST **A100292759**
N/A

Relative:
Higher
Actual:
29 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609108
Program Type: PBS
UTM X: 589080.54961
UTM Y: 4517043.13484
Expiration Date: 07/17/2018
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 30954
Affiliation Type: Mail Contact
Company Name: 116 PARK AVE. REALTY CORP.
Contact Type: Not reported
Contact Name: JOHN SISMANOGLOU
Address1: 48-02 25 AVENUE
Address2: #403
City: ASTORIA
State: NY
Zip Code: 11103
Country Code: 001
Phone: (718) 729-4368
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-06-12

Site Id: 30954
Affiliation Type: Facility Operator
Company Name: 80 E 116 ST
Contact Type: Not reported
Contact Name: 116 PARK AVE.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 987-5438
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 30954
Affiliation Type: Emergency Contact
Company Name: 116 PARK AVE. REALTY CORP.
Contact Type: Not reported
Contact Name: JOHN SISMANOGLOU
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

80 E 116 ST (Continued)

A100292759

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 729-4368
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-06-12

Site Id: 30954
Affiliation Type: Facility Owner
Company Name: 116 PARK AVE. REALTY CORP.
Contact Type: PRESIDENT
Contact Name: JOHN SISMANOGLOU
Address1: 48-02 25 AVENUE, #403
Address2: Not reported
City: ASTORIA
State: NY
Zip Code: 11103
Country Code: 001
Phone: (718) 729-4368
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-06-12

Tank Info:

Tank Number: 001
Tank Id: 66458
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
F05 - Pipe External Protection - Jacketed
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
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
B05 - Tank External Protection - Jacketed
I05 - Overfill - Vent Whistle

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 05/01/2003
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

80 E 116 ST (Continued)

A100292759

Register: True
Modified By: DMMOLOUG
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

V299
SE
1/8-1/4
0.198 mi.
1046 ft.

CON EDISON SERVICE BOX: 45621
2014 3RD AVE
NEW YORK, NY 10029

RCRA NonGen / NLR **1016970515**
NY MANIFEST **NYP004442281**

Site 11 of 14 in cluster V

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 03/14/2014
Facility name: CON EDISON SERVICE BOX: 45621
Facility address: 2014 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004442281
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
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
Used 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: 02/14/2014
Site name: CON EDISON SERVICE BOX: 45621
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004442281
Facility Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45621 (Continued)

1016970515

Location Address 1: 2014 3 AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004442281
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 02/14/2014
Trans1 Recv Date: 02/14/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004442281
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002330136GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45621 (Continued)

1016970515

Waste Code: Not reported
Quantity: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AB300
SW
1/8-1/4
0.199 mi.
1050 ft.**

**APARTMENT BLDG TTF
1590 MADISON AVE
MANHATTAN, NY

Site 5 of 10 in cluster AB**

**NY LTANKS S110540949
N/A**

**Relative:
Higher

Actual:
18 ft.**

LTANKS:
Facility ID: 1005898
Site ID: 439232
Closed Date: 2010-12-07
Spill Number: 1005898
Spill Date: 2010-08-27
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: smsanges
Referred To: Not reported
Reported to Dept: 2010-08-27
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: 2010-08-27
Spill Record Last Update: 2010-12-07
Spiller Name: MICHAEL SHAMBERGER
Spiller Company: MICHAEL SHAMBERGER
Spiller Address: 1590 MADISON AVE
Spiller County: 999
Spiller Contact: MICHAEL SHAMBERGER
Spiller Phone: (646) 372-4943
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 394231
DEC Memo: "2000 gal tank encased in concrete. Unknown if the tank/lines were

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT BLDG TTF (Continued)

S110540949

isolated and retested. Contact: Ken Walsh-Miller 516-876-7940 ext 316
Ken will look for additional information and call DEC back soon.
12/1/2010 - Sangesland received this e-mail/report from Ken Walsh at
Miller Environmental. As per our conversation, I have attached a
letter from Controlled Combustion to you and tank tightness test
results that were performed by Pro Test. Based upon the test results
and our findings; the area surrounding the tank appears clean. We cut
a hole in the bottom of the tank and the concrete underneath the tank
was also clean. The tank is now permanently out of service and will
be abandoned. A 2,000 AST will be installed in its place. Based on
our findings, the client (Controlled Combustion) is requesting a no
further action letter and the spill to be closed. I thank you for
your assistance. Ken Walsh, Miller Envir. See attached eDoc for
report. "

Remarks: "NO SPILL / FAILURE ONLY."

All Materials:

Site ID: 439232
Operable Unit ID: 1189879
Operable Unit: 01
Material ID: 2184838
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

AB301 LAKEVIEW APARTMENTS
SW 1590 MADISON AVENUE
1/8-1/4 NEW YORK, NY 10029
0.199 mi.
1050 ft. Site 6 of 10 in cluster AB

NY UST U003030986
N/A

Relative:
Higher

Actual:
18 ft.

UST:
Id/Status: 2-400211 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 01/07/2013
UTM X: 588684.04546
UTM Y: 4516440.39689
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 19087
Affiliation Type: Facility Operator
Company Name: LAKEVIEW APARTMENTS
Contact Type: Not reported
Contact Name: MARTY JERNIGAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKEVIEW APARTMENTS (Continued)

U003030986

Phone: (212) 427-0800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19087
Affiliation Type: Facility Owner
Company Name: 5TH & 106TH STREET ASSOCIATES
Contact Type: PRESIDENT
Contact Name: NEALLE B. SEAVEY
Address1: 3 PARK AVENUE - SUITE 2800
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 679-9800
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-01-14

Site Id: 19087
Affiliation Type: Mail Contact
Company Name: DALTON MANAGEMENT CO, LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 5TH & 106TH STREET ASSOCIATES
Address2: P.O. BOX 1763 - MURRAY HILL STATION
City: NEW YORK
State: NY
Zip Code: 10156
Country Code: 001
Phone: (212) 679-9800
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19087
Affiliation Type: Emergency Contact
Company Name: 5TH & 106TH STREET ASSOCIATES
Contact Type: Not reported
Contact Name: RONALD C. DAWLEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 263-2925
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKEVIEW APARTMENTS (Continued)

U003030986

Tank Info:

Tank Number: 001
Tank ID: 24599
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2000
Install Date: 12/08/1980
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: 09/15/2005
Next Test Date: 10/11/2016
Pipe Model: Not reported
Modified By: bkfalvey
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

AB302 106 STREET FRENCH DRY CLEANERS
SW 1590 MADISON AVE
1/8-1/4 NEW YORK, NY 10029
0.199 mi.
1050 ft. Site 7 of 10 in cluster AB

RCRA-SQG 1000199159
ICIS NYD981139058
US AIRS
FINDS
NY DRYCLEANERS
NY MANIFEST

Relative:
Higher

Actual:
18 ft.

RCRA-SQG:

Date form received by agency: 01/01/2007
Facility name: 106 STREET FRENCH DRY CLEANERS
Facility address: 1590 MADISON AVE
NEW YORK, NY 10029
EPA ID: NYD981139058
Mailing address: MADISON AVE
NEW YORK, NY 10029
Contact: YOUNG SONG
Contact address: MADISON AVE
NEW YORK, NY 10029
Contact country: US
Contact telephone: 212-289-5568
Contact email: Not reported
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106 STREET FRENCH DRY CLEANERS (Continued)

1000199159

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: COMMERCIAL LEASING - GRC
Owner/operator address: 1230 PENNSYLVANIA AVE
BROOKLYN, NY 11239
Owner/operator country: US
Owner/operator telephone: 718-240-4175
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: COMMERCIAL LEASING - GRC
Owner/operator address: 1230 PENNSYLVANIA AVE
BROOKLYN, NY 11239
Owner/operator country: US
Owner/operator telephone: 718-240-4175
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: 106 STREET FRENCH DRY CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/18/1996
Site name: 106 STREET FRENCH DRY CLEANERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106 STREET FRENCH DRY CLEANERS (Continued)

1000199159

Classification: Small Quantity Generator

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ICIS:

Enforcement Action ID: NY000A0000262040017400308
FRS ID: 110001607538
Action Name: 106TH STREET FRENCH CLEANERS 36061P00CQ00308
Facility Name: 106TH STREET FRENCH CLEANERS
Facility Address: 1590 MADISON AVE
NEW YORK, NY 100293816
Enforcement Action Type: Notice of Violation
Facility County: BRONX
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.794445
Longitude in Decimal Degrees: -73.94893
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400174
Facility NAICS Code: 812320
Tribal Land Code: Not reported

US AIRS MINOR:

Envid: 1000199159
Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
D and B Number: Not reported
Primary SIC Code: 7216
NAICS Code: 812320

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106 STREET FRENCH DRY CLEANERS (Continued)

1000199159

Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2001-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2002-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-06-30 00:00:00
Activity Status Date: 2005-06-30 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106 STREET FRENCH DRY CLEANERS (Continued)

1000199159

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

US AIRS MINOR:

Envid: 1000199159
Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
D and B Number: Not reported
Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2000-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106 STREET FRENCH DRY CLEANERS (Continued)

1000199159

Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2001-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2002-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-06-30 00:00:00
Activity Status Date: 2005-06-30 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400174
Facility Registry ID: 110001607538
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-02-21 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106 STREET FRENCH DRY CLEANERS (Continued)

1000199159

Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400174
Facility Registry ID:	110001607538
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2002-02-21 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported

FINDS:

Registry ID: 110001607538

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AFS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

DRYCLEANERS:

Facility ID:	2-6204-00174
Phone Number:	212-289-5568
Region:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106 STREET FRENCH DRY CLEANERS (Continued)

1000199159

Registration Effective Date: 8/15/2001 00:00:00
Inspection Date: 07APR16
Install Date: 01
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: Not reported
Current Business: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYD981139058
Facility Status: Not reported
Location Address 1: 1590 MADISON AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD981139058
Mailing Name: FITH AVENUE LAKEVIEW
Mailing Contact: FITH AVENUE LAKEVIEW
Mailing Address 1: 1590 MADISON AVENUE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2122895568

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2016
Trans1 State ID: NJD000564906
Trans2 State ID: MIK814262374
Generator Ship Date: 02/05/2016
Trans1 Recv Date: 02/05/2016
Trans2 Recv Date: 02/12/2016
TSD Site Recv Date: 02/12/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981139058
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: CDX107000000
TSDF ID 2: Not reported
Manifest Tracking Number: 015532282JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

106 STREET FRENCH DRY CLEANERS (Continued)

1000199159

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: H020
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: 80
Units: P - Pounds
Number of Containers: 1
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: F002
Waste Code 1_2: D039
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
125 additional NY_MANIFEST: record(s) in the EDR Site Report.

**AD303
NE
1/8-1/4
0.199 mi.
1051 ft.**

**CON EDISON SERVICE BOX: 42058
1630 PARK AVE FRONT OF
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016965875
NY MANIFEST NYP004387338**

Site 1 of 11 in cluster AD

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
29 ft.**

Date form received by agency: 12/07/2013
Facility name: CON EDISON SERVICE BOX: 42058
Facility address: 1630 PARK AVE FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004387338
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42058 (Continued)

1016965875

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: 11/07/2013
Site name: CON EDISON SERVICE BOX: 42058
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004387338
Facility Status: Not reported
Location Address 1: 1630 PARK AVE
Code: BP
Location Address 2: SB42058
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004387338
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 11/07/2013
Trans1 Recv Date: 11/07/2013
Trans2 Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42058 (Continued)

1016965875

TSD Site Recv Date: 11/08/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004387338
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002237082GBF
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: 400
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AD304
NE
1/8-1/4
0.199 mi.
1051 ft.
1630 PARK AVE ASSOCIATES
1630 PARK AVENUE
NEW YORK, NY 10029
Site 2 of 11 in cluster AD

NY AST **U004061718**
N/A

Relative: AST:
Higher Region: STATE
DEC Region: 2
Actual: Site Status: Inactive
29 ft. Facility Id: 2-340480
Program Type: PBS
UTM X: 589162.94164
UTM Y: 4516996.93805
Expiration Date: N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1630 PARK AVE ASSOCIATES (Continued)

U004061718

Site Type: Other

Affiliation Records:

Site Id: 16446
Affiliation Type: Facility Owner
Company Name: HUDSON PARK MGMT
Contact Type: Not reported
Contact Name: Not reported
Address1: 44 COOPER SQUARE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (212) 477-1400
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-08-10

Site Id: 16446
Affiliation Type: Mail Contact
Company Name: HUDSON PARK MGMT
Contact Type: Not reported
Contact Name: Not reported
Address1: 44 COOPER SQUARE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (212) 477-1400
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-08-10

Site Id: 16446
Affiliation Type: Facility Operator
Company Name: 1630 PARK AVE ASSOCIATES
Contact Type: Not reported
Contact Name: HERMINIO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 996-0601
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 16446
Affiliation Type: Emergency Contact
Company Name: HUDSON PARK MGMT
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1630 PARK AVE ASSOCIATES (Continued)

U004061718

Contact Name: ABE CITRON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 477-1400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 31604
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
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)

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: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

AD305
NE
1/8-1/4
0.199 mi.
1051 ft.
CON EDISON
1630 PARK AVE
NEW YORK, NY 10032
Site 3 of 11 in cluster AD

RCRA NonGen / NLR
FINDS
ECHO
1019906443
NYP004821126

Relative:
Higher
Actual:
29 ft.
RCRA NonGen / NLR:
Date form received by agency: 08/10/2015
Facility name: CON EDISON
Facility address: 1630 PARK AVE
NEW YORK, NY 10032

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019906443

EPA ID: NYP004821126
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 08/10/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069653636

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: 1019906443
Registry ID: 110069653636

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019906443

DFR URL:

<http://echo.epa.gov/detailed-facility-report?fid=110069653636>

AD306
NE
1/8-1/4
0.199 mi.
1051 ft.

CON EDISON
1630 PARK AVE
NEW YORK, NY 10029

Site 4 of 11 in cluster AD

NY MANIFEST **S113496303**
N/A

Relative:
Higher

Actual:
29 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004393088
Facility Status: Not reported
Location Address 1: 1630 PARK AVE
Code: BP
Location Address 2: SB42058
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004393088
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 11/18/2013
Trans1 Recv Date: 11/18/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/19/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004393088
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002086656GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S113496303

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AD307
NE
1/8-1/4
0.199 mi.
1051 ft.

CON EDISON SERVICE BOX: 42058
1630 PARK AVE
NEW YORK, NY 10029
Site 5 of 11 in cluster AD

RCRA NonGen / NLR 1016451028
NY MANIFEST NYP004300638

Relative:
Higher

Actual:
29 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/11/2013
Facility name: CON EDISON SERVICE BOX: 42058
Facility address: 1630 PARK AVE
NEW YORK, NY 10029
EPA ID: NYP004300638
Contact: ROBERT LINDELOF
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 917-559-3860
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42058 (Continued)

1016451028

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: 04/11/2013
Site name: CON EDISON SERVICE BOX: 42058
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300638
Facility Status: Not reported
Location Address 1: 1630 PARK AVE
Code: BP
Location Address 2: SERVICE BOX # 42058
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300638
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/11/2013
Trans1 Recv Date: 04/11/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42058 (Continued)

1016451028

Generator EPA ID: NYP004300638
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707661JJK
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: 250
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Country: USA
EPA ID: NYP004821126
Facility Status: Not reported
Location Address 1: 1630 PARK AVE
Code: BP
Location Address 2: SB 42058
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10032
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004821126
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42058 (Continued)

1016451028

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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/10/2015
Trans1 Recv Date: 08/10/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/13/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004821126
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002612263GBF
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42058 (Continued)

1016451028

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

W308 LINCOLN CORRECTIONS
WNW 31 WEST 110TH ST
1/8-1/4 MANHATTAN, NY
0.200 mi.
1055 ft. Site 7 of 13 in cluster W

NY LTANKS S104191938
NY Spills N/A

Relative:
Higher

Actual:
20 ft.

LTANKS:

Facility ID: 9906774
Site ID: 139950
Closed Date: 2005-03-14
Spill Number: 9906774
Spill Date: 1999-09-07
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 1999-09-07
CID: 388
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: 1999-09-07
Spill Record Last Update: 2005-03-14
Spiller Name: 2MR PATEL
Spiller Company: NYS CORRECTIONS
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: (516) 678-5115
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 119530
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
AUSTIN 5/18/04 - AUSTIN - TRANSFERRED FROM TOMASELLO FOR REASSIGNMENT
- END 3/14/05 - Austin - closed and consolidated with spill #0102021
- end "

Remarks: "CALLER REPORTS TESTED TANK AND TANK FAILED."

All TTF:

Facility ID: 9906774
Spill Number: 9906774
Spill Tank Test: 1547585
Site ID: 139950
Tank Number: 1
Tank Size: 5000
Material: 0001
EPA UST: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN CORRECTIONS (Continued)

S104191938

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: 139950
Operable Unit ID: 1085213
Operable Unit: 01
Material ID: 299498
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: 0102021
Facility Type: ER
Spill Number: 0102021
DER Facility ID: 119530
Site ID: 139949
DEC Region: 2
Closed Date: 2009-02-05
Spill Cause: Unknown
Spill Class: B3
SWIS: 3101
Spill Date: 2001-05-21
Investigator: hrpatel
Referred To: Not reported
Reported to Dept: 2001-05-22
CID: 281
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
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: 2001-05-22
Spill Record Last Update: 2009-05-14
Spiller Name: DEPUTY COUNCIL
Spiller Company: NYS DEPT OF CORRECTIONS
Spiller Address: 31-33 WEST 110 ST
Spiller Company: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN CORRECTIONS (Continued)

S104191938

Contact Name:

HOWARD THOMPSON

DEC Memo:

"See also spill #9906774 1/8/08 - Raphael Ketani. Rachel Selsky of the Dept. of Corrections called to inquire as to whether this and other spill cases were still open. She is a student intern and is working to get the status of these cases. Her phone number is (518) 485-5602 fax: 518-485-5563. 1/14/08-Vought-Received note from DEC Krimgold that inquiry was made regarding spill from (518) 485-5602. Vought spoke with DEC Ketani and he knew only of call above and did not have file or any other info regarding case. Vought read both spills and DEC requires: 1) submission of contaminated soil analyticals as per caller from spill 0102021 2) size and location of tank removed and PBS registration as per spill 0102021 3) investigation of TTF of 5000-gallon #2 fuel oil UST as per Spill #9906774. Vought called Rachel Selsky who is working on closing. Rachel called Howard Thompson and he said there was no further info and spill and he thought it should be closed. DEC to fax copy of spill report and PBS registration: Mr. Keith Rupert State Office Campus Building 2 Albany, NY 12226 Ph: (518) 485-5410 Fax (518) 485-5563 email: kdrupert@docs.state.ny.us Spill reassigned from Ahmed to Patel by Vought as Patel is daytime runner. Vought sent letter with above requirements and one month due date with cc to Selsky. 02/26/08-Hiralkumar Patel. received letter from Mr. Rupert mentioning that they could not find any documents regarding reported spill cases (0102021 & 9906774). 03/03/08-Hiralkumar Patel. spoke with Ms. Selsky. explained her that if both cases reported to single tank field, then requires soil investigation in area from where tanks were removed. soil borings must be advanced to depth of three feet below bottom of excavation during tank removal. and if both cases were reported for tanks at different locations, then also requires soil investigation in area where 5000 gal #2 oil tank was/is located (9906774). asked Ms. Selsky to provide contractor's info and to submit work plan prior to any work. 03/26/08-Hiralkumar Patel. received call from Keith Rupert (518-485-5410) from Correction department. he mentioned that site had one aboveground tank inside building basement and after finding a leak in an old tank, they replace it with current 2500 gal AST (PBS #: 2-151645). PBS record doesn't have information about old tank. asked Mr. Rupert to register old tank. also asked him for soil sample at previous tank location, atleast to depth of three feet below bottom of excavation during tank removal. based on sample analytical, the department may require further investigation/remediation. spoke with Howard Thompson (Off. 914-948-0343, cell 917-682-2959) at NYS OGS, whose name found as caller in spill report. Mr. Thompson doesn't know anything about this spill and he doesn't remember reporting any spill to the department. no information available about tank location and depth of excavatoin (if any) during tank removal. so asked Mr. Rupert to investigate soil to depth of two ft below basement floor at former tank location. sent email to Mr. Rupert with PBS form. 04/02/08-Hiralkumar Patel. received call from Mike Pantano. he will email work plan. Michael V. Pantliano Project Scientist HDR ONE COMPANY - Many Solutions Ph. (845) 735-8300 ext. 311 (845) 548-6962 (C) Fax (845) 735-7466 Email: michael.pantliano@hdrinc.com 05/16/08-Hiralkumar Patel. received work plan from Mr. Pantliano. they will do two borings inside tank room and collect soil samples at least two ft below floor. sent email to Mr. Pantliano approving proposed work plan. asked him to submit work schedule. 05/22/08-Hiralkumar Patel. received email from Mr. Pantliano. will do soil boring work on May 28, 2008.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN CORRECTIONS (Continued)

S104191938

07/08/08-Hiralkumar Patel. spoke with Mr. Pantliano about report. report is ready and currently under review. will submit report by end of 07/18/08. 07/23/08-Hiralkumar Patel. received spill closure report from HDR. abstract: - old 5000 gal tank was located in same location where current 2500 gal tank is - collected two soil samples from beneath the building slab in tank room - once the core bit penetrated the subsurface of the floor, groundwater immediately entered the core hole <----- - no contamination found in soil samples - no groundwater sample collected from any boring <----- - attached photo # 3 & 4 indicates that sheen was observed on groundwater in both borings <-- 08/01/08-Hiralkumar Patel. left message for Mr. Rupert requiring delineation of possible groundwater contamination via collection of groundwater samples from previous two borings and also from west side of tank (to cover all side of tank). spoke with Mr. Pantliano and mentioned him the same. sent email to Mr. Rupert and Mr. Pantliano requiring groundwater samples from previous two borings and also on west side of tank. asked to submit work schedule. 09/19/08-Hiralkumar Patel. received email from Mr. Pantliano with groundwater sample analyticals. collected three groundwater samples from temporary borings and found high Naphthalene in all three samples. mentioned to him that based on sample analyticals, the department requires further groundwater delineation via permanent wells and site specific groundwater flow direction. asked Mr. Pantliano to submit investigation report.

-----BS-1-----BS-2-----BS-3
Naphthalene-----1,600-----1,900-----1,900
1,2,4-Trimethylbenzene-----49-----85
Xylene-----32-----80-----141

11/04/08-Hiralkumar Patel. received investigation report. recommends to install three piezometers inside tank room, where borings were done and two piezometers in adjoining rooms to the north and east of tank room. 11/19/08-Hiralkumar Patel. sent email to Mr. Pantliano requiring submission of work schedule for proposed piezometers installation. mentioned to him that the department may require additional wells based on groundwater flow direction and groundwater sample analyticals. also asked him to remove any free product from piezometers/wells on weekly basis. email copied to Mr. Rupert. 12/15/08-Hiralkumar Patel. left message for Mr. Pantliano regarding well/piezometers installation. received call from Mr. Pantliano. they got approval last week for additional work. planning to schedule for week of 01/05/09. will call back with confirmed dates.

02/05/09-Hiralkumar Patel. spoke with Mr. Pantliano. will submit report by 02/10/09. received report from Mr. Pantliano. abstract: - cored through the concrete floor at the three previous soil/groundwater sampling locations (BS-1, BS-2 and BS-3) in the tank room - two additional borings were attempted outside of tank room, in the adjoining boiler room - during this investigation, groundwater was observed to be approx. 20 inches below top of concrete slab (approx. 8 inches below the bottom of concrete slab) - four piezometers were installed (PZ-1 through PZ-4); location of fifth boring was limited to one small area at the rear of the boiler room - during the installation of piezometers, noted that the waterproof membrane, located between the two 6 inch slabs, is a paper based product that is approx. 1/8 inch thick and is saturated with a tar like substance similar to creosote or coal tar <----- - the liner has a strong odor characteristic of moth balls - collected groundwater samples from three piezometers (PZ-1 to PZ-3); PZ-4 was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN CORRECTIONS (Continued)

S104191938

dry and could not be sampled - during purging groundwater exhibited a petroleum like odor, however, sheen was not observed in groundwater - found high naphthalene concentration in groundwater sample alongwith minor concentration of other VOCs - analysis of waterproofing membrane reported elevated levels of VOCs and SVOCs with total concentrations ranging from 10,168,000 ppb to 2,110,000 ppb for VOCs <----- conclusions: - groundwater elevation during previous investigation was noted to be a couple of inches below the top of concrete slab; groundwater collected during previous investigation was in direct contact with waterproof membrane - during second round of sampling the groundwater elevation was approx. 6-8 inches below the concrete and was not in contact with waterproof membrane - concentration of naphthalene found in the waterproof membrane was 0.6 to 1.0 percent; however, #2 fuel oil only contains approx. 0.1 percent naphthalene based on submitted report, case closed."

Remarks: "DURING TANK REMOVAL AT ABOVE LOCATION SOIL CONTAMINATION HAS BEEN DISCOVERED. AREA HAS BEEN EXCAVATED AND STORED ON SITE. FOR FURTHER INFORMATION CONTACT CALLER AT NYS OGS."

All Materials:

Site ID: 139949
Operable Unit ID: 840837
Operable Unit: 01
Material ID: 537711
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

W309
WNW
1/8-1/4
0.200 mi.
1055 ft.

LINCOLN CORRECTIONAL FACILITY
31 WEST 110TH STREET
NEW YORK, NY 10026

NY AST S107781310
N/A

Site 8 of 13 in cluster W

Relative:
Higher
Actual:
20 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-151645
Program Type: PBS
UTM X: 588573.67708
UTM Y: 4516813.99678
Expiration Date: 10/02/2022
Site Type: Other

Affiliation Records:

Site Id: 4702
Affiliation Type: Facility Owner
Company Name: DEPT OF CORRECTIONS AND COMMUNITY SUPERVISION
Contact Type: ADSA/STEWART
Contact Name: EDWARD JONES
Address1: 1220 WASHINGTON AVE
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN CORRECTIONAL FACILITY (Continued)

S107781310

City: ALBANY
State: NY
Zip Code: 12226
Country Code: 001
Phone: (518) 457-7329
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-10-25

Site Id: 4702
Affiliation Type: Facility Operator
Company Name: LINCOLN CORRECTIONAL FACILITY
Contact Type: Not reported
Contact Name: ALEX POLESHCHUK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 860-9400
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2013-03-18

Site Id: 4702
Affiliation Type: Emergency Contact
Company Name: DEPT OF CORRECTIONS AND COMMUNITY SUPERVISION
Contact Type: Not reported
Contact Name: WATCH COMMANDER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 860-9400
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2013-03-18

Site Id: 4702
Affiliation Type: Mail Contact
Company Name: DEPARTMENT OF CORRECTIONS & COMMUNITY SUPERVISION
Contact Type: Not reported
Contact Name: DIRECTOR OF FACILITIES PLANNING & DEVELOPMENT
Address1: 1220 WASHINGTON AVENUE
Address2: Not reported
City: ALBANY
State: NY
Zip Code: 12226
Country Code: 001
Phone: (518) 485-5576
EMail: ERIC.GREPPPO@DOCCS.NY.GOV

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN CORRECTIONAL FACILITY (Continued)

S107781310

Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-10-25

Tank Info:

Tank Number: 001
Tank Id: 19420
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
G02 - Tank Secondary Containment - Vault (w/access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H99 - Tank Leak Detection - Other

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 09/01/2001
Capacity Gallons: 2500
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 10/25/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 1
Tank Id: 222965
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/01/2001
Register: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN CORRECTIONAL FACILITY (Continued)

S107781310

Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

W310
WNW
1/8-1/4
0.200 mi.
1055 ft.
CON EDISON
31 W 110 ST
NEW YORK, NY 10026
Site 9 of 13 in cluster W

NY MANIFEST **S117536003**
N/A

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004684411
Facility Status: Not reported
Location Address 1: 31 W 110 ST
Code: BP
Location Address 2: SB18197
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004684411
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 10/27/2014
Trans1 Recv Date: 10/27/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/30/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004684411
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002563929GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117536003

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AD311 **102 EAST 116 LLC**
NE **102 EAST 116TH STREET**
1/8-1/4 **NEW YORK, NY 10029**
0.200 mi.
1056 ft. **Site 6 of 11 in cluster AD**

NY AST **A100169038**
N/A

Relative:
Higher

AST:

Actual:
29 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-604647
Program Type: PBS
UTM X: 589167.76104
UTM Y: 4516985.25013
Expiration Date: 12/16/2021
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 26518
Affiliation Type: Facility Operator
Company Name: 102 EAST 116 LLC
Contact Type: Not reported
Contact Name: ERNESTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

102 EAST 116 LLC (Continued)

A100169038

Zip Code: Not reported
Country Code: 001
Phone: (917) 295-3435
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-11

Site Id: 26518
Affiliation Type: Emergency Contact
Company Name: 102 EAST 116 LLC
Contact Type: Not reported
Contact Name: ERNESTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 416-3903
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-11

Site Id: 26518
Affiliation Type: Facility Owner
Company Name: 102 EAST 116 LLC
Contact Type: MANAGER
Contact Name: YEHUDA RUZOHORSKY
Address1: P.O. BOX 967
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10272
Country Code: 001
Phone: (212) 613-1700
EMail: SHIRA@ARCHROCKGROUP.COM
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-11

Site Id: 26518
Affiliation Type: Mail Contact
Company Name: 102 EAST 116 LLC
Contact Type: MANAGER
Contact Name: YEHUDA RUZOHORSKY
Address1: P.O. BOX 967
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10272
Country Code: 001
Phone: (212) 613-1700
EMail: SHIRA@ARCHROCKGROUP.COM
Fax Number: Not reported
Modified By: MFLEONAR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

102 EAST 116 LLC (Continued)

A100169038

Date Last Modified: 2017-12-11

Tank Info:

Tank Number: 001
Tank Id: 58444
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H99 - Tank Leak Detection - Other
G03 - Tank Secondary Containment - Vault (w/o access)
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2000
Capacity Gallons: 2500
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 12/11/2017
Material Name: #2 fuel oil (on-site consumption)

V312 HARLEM CLEANERS
SE 2008 3RD AVE
1/8-1/4 NEW YORK, NY 10029
0.200 mi.
1057 ft. Site 12 of 14 in cluster V

RCRA-CESQG 1000280083
NY MANIFEST NYD086899150

Relative: RCRA-CESQG:
Lower Date form received by agency: 01/01/2007
Actual: Facility name: HARLEM CLEANERS
15 ft. Facility address: 2008 3RD AVE
NEW YORK, NY 10029
EPA ID: NYD086899150
Mailing address: 3RD AVE
NEW YORK, NY 10029
Contact: Not reported
Contact address: 3RD AVE
NEW YORK, NY 10029
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARLEM CLEANERS (Continued)

1000280083

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: SUH BYUNG
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

Owner/operator name: SUH BYUNG
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

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
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARLEM CLEANERS (Continued)

1000280083

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: HARLEM CLEANERS
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/14/1999
Site name: HARLEM CLEANERS
Classification: Small Quantity Generator

Date form received by agency: 03/17/1986
Site name: HARLEM CLEANERS
Classification: Large Quantity Generator

. 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYD086899150
Facility Status: Not reported
Location Address 1: 2008 THIRD AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD086899150
Mailing Name: HARLEM CLEANERS
Mailing Contact: HARLEM CLEANERS
Mailing Address 1: 2008 THIRD AVENUE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2127222873

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HARLEM CLEANERS (Continued)

1000280083

Document ID: NYG5365161
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NJD000564906
Trans2 State ID: Not reported
Generator Ship Date: 06/02/2005
Trans1 Recv Date: 06/02/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/09/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD086899150
Trans1 EPA ID: NJ420
Trans2 EPA ID: Not reported
TSDF ID 1: NJD000564906
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: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00260
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access
43 additional NY_MANIFEST: record(s) in the EDR Site Report.

V313
SE
1/8-1/4
0.200 mi.
1057 ft.
**NEW HARLEM CLEANERS
2008 THIRD AVENUE
NEW YORK, NY 10029
Site 13 of 14 in cluster V**

**NY DRYCLEANERS S110247431
N/A**

Relative: DRYCLEANERS:
Lower Facility ID: 2-6204-01200
Actual: Phone Number: 212-369-1527
15 ft. Region: Not reported
Registration Effective Date: 7/25/2001 17:00:26:356
Inspection Date: 10APR20

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW HARLEM CLEANERS (Continued)

S110247431

Install Date: 99/10
Drop Shop: Not reported
Shutdown: Y
Alternate Solvent: Not reported
Current Business: Not reported

W314
WNW
1/8-1/4
0.201 mi.
1061 ft.

CON EDISON SERVICE BOX: 18197
27 W 110TH ST
NEW YORK, NY 10026

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST

1016451088
NYP004301271

Site 10 of 13 in cluster W

Relative:
Higher

RCRA NonGen / NLR:

Actual:
20 ft.

Date form received by agency: 05/14/2013
Facility name: CON EDISON SERVICE BOX: 18197
Facility address: 27 W 110TH ST
NEW YORK, NY 10026
EPA ID: NYP004301271
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 04/14/2013
Site name: CON EDISON SERVICE BOX: 18197
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110056328406

Environmental Interest/Information System

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18197 (Continued)

1016451088

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: 1016451088
Registry ID: 110056328406
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056328406>

NY MANIFEST:

Country: USA
EPA ID: NYP004301271
Facility Status: Not reported
Location Address 1: 27 W 110TH ST
Code: BP
Location Address 2: SERV BOX 18197
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301271
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/15/2013
Trans1 Recv Date: 04/15/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/16/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301271

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18197 (Continued)

1016451088

Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708420JJK
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**W315
WNW
1/8-1/4
0.201 mi.
1061 ft.**

**CON EDISON
27 W 110TH ST
NEW YORK, NY 10026
Site 11 of 13 in cluster W**

**NY MANIFEST S113496355
N/A**

**Relative:
Higher**

NY MANIFEST:

**Actual:
20 ft.**

Country: USA
EPA ID: NYP004644449
Facility Status: Not reported
Location Address 1: 27 W 110TH ST
Code: BP
Location Address 2: SB 18197
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S113496355

NY MANIFEST:

EPAID: NYP004644449
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: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/01/2014
Trans1 Recv Date: 09/01/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/04/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644449
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002609281GBF
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S113496355

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 additional NY_MANIFEST: detail in the EDR Site Report.

AE316
ESE
1/8-1/4
0.203 mi.
1070 ft.

CON EDISON
2046 3RD AV
NEW YORK, NY 10029
Site 1 of 9 in cluster AE

NY MANIFEST **S117317245**
N/A

Relative:
Lower

NY MANIFEST:

Country: USA
EPA ID: NYP004646337
Facility Status: Not reported
Location Address 1: 2046 3RD AV
Code: BP
Location Address 2: SB45640
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Actual:
16 ft.

NY MANIFEST:

EPAID: NYP004646337
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/03/2014
Trans1 Recv Date: 09/03/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/05/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004646337
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317245

TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002563297GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AF317
SSE
1/8-1/4
0.204 mi.
1075 ft.

CON EDISON SERVICE BOX 18137
183 E 109TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR 1014926636
NJ MANIFEST NYP004244125
NY MANIFEST

Site 1 of 9 in cluster AF

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 12/07/2011
Facility name: CON EDISON SERVICE BOX 18137
Facility address: 183 E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004244125
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: APRIL JACKSON
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-5488
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18137 (Continued)

1014926636

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
Used 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: 11/07/2011
Site name: CON EDISON SERVICE BOX 18137
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004244125
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: APRIL JACKSON
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 003634409JJJ
EPA ID: NYP004244125
Date Shipped: 11/7/2011
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18137 (Continued)

1014926636

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1,000.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004244125
Facility Status: Not reported
Location Address 1: 177-179 E109TH ST
Code: BP
Location Address 2: LEXINGTON AVE
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004244125
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FLOOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18137 (Continued)

1014926636

Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
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: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 11/07/2011
Trans1 Recv Date: 11/07/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/08/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004244125
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 003634409JJK
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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18137 (Continued)

1014926636

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AG318
North
1/8-1/4
0.204 mi.
1076 ft.

CON EDISON SERVICE BOX: 19128
10 E 116TH ST FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR **1016450979**
NY MANIFEST **NYP004300133**

Site 1 of 9 in cluster AG

Relative:
Higher

RCRA NonGen / NLR:

Actual:
28 ft.

Date form received by agency: 05/09/2013
Facility name: CON EDISON SERVICE BOX: 19128
Facility address: 10 E 116TH ST FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004300133
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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
Used 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: 04/09/2013
Site name: CON EDISON SERVICE BOX: 19128
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300133
Facility Status: Not reported
Location Address 1: F/O 10 E 116 ST
Code: BP
Location Address 2: SERVICE BOX # 19128

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19128 (Continued)

1016450979

Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300133
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/09/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300133
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707594JJK
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: 500
Units: P - Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19128 (Continued)

1016450979

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 additional NY_MANIFEST: detail in the EDR Site Report.

AG319
North
1/8-1/4
0.204 mi.
1076 ft.

CON EDISON
10 E 116 ST
NEW YORK, NY 10029

NY MANIFEST **S113814084**
N/A

Site 2 of 9 in cluster AG

Relative:
Higher

NY MANIFEST:

Actual:
28 ft.

Country: USA
EPA ID: NYP004304168
Facility Status: Not reported
Location Address 1: 10 E 116 ST
Code: BP
Location Address 2: SERV BOX 19128
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004304168
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/23/2013
Trans1 Recv Date: 04/23/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/26/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S113814084

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004304168
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010841421JJJ
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AB320
SW
1/8-1/4
0.204 mi.
1079 ft.**

**CON EDISON
MADISON AVE & 107 ST
NEW YORK, NY 10029**

Site 8 of 10 in cluster AB

**NY MANIFEST S117315041
N/A**

**Relative:
Higher**

**Actual:
18 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004621553
Facility Status: Not reported
Location Address 1: MADISON AVE & 107 ST
Code: BP
Location Address 2: SB50683
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117315041

Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004621553
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: 08/07/2014
Trans1 Recv Date: 08/07/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/14/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004621553
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254026JJK
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: 2000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117315041

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 additional NY_MANIFEST: detail in the EDR Site Report.

AH321
SSW
1/8-1/4
0.205 mi.
1083 ft.

**CON EDISON SERVICE BOX: 42008
E 107TH ST & PARK AVE SW COR
NEW YORK, NY 10029**

**RCRA NonGen / NLR 1016143882
NY MANIFEST NYP004266680**

Site 1 of 5 in cluster AH

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
17 ft.**

Date form received by agency: 07/28/2017
Facility name: CON EDISON SERVICE BOX: 42008
Facility address: E 107TH ST & PARK AVE SW COR
NEW YORK, NY 10029
EPA ID: NYP004266680
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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
Used 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: 09/05/2012
Site name: CON EDISON SERVICE BOX: 42008
Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42008 (Continued)

1016143882

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004266680
Facility Status: Not reported
Location Address 1: SWC 107TH & PARK AVE
Code: BP
Location Address 2: SERV BOX 42008
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004266680
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/05/2012
Trans1 Recv Date: 09/05/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/05/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004266680
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010456141JJK
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: H111

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 42008 (Continued)

1016143882

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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AH322
SSW
1/8-1/4
0.205 mi.
1083 ft.

**CON EDISON
E 107TH ST & PARK AVE SW COR
NEW YORK, NY 10029**

**RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST**

**1014399104
NYP004214813**

Site 2 of 5 in cluster AH

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
17 ft.**

Date form received by agency: 09/02/2010
Facility name: CON EDISON
Facility address: E 107TH ST & PARK AVE SW COR
OF
NEW YORK, NY 10029
EPA ID: NYP004214813
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MEGAN RUSSELL
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399104

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

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004214813
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN RUSSELL
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 003533434JJK
EPA ID: NYP004214813
Date Shipped: 09/02/2010
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: 09/02/2010
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: 09/02/2010
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399104

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

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 500 P

NY MANIFEST:

Country: USA
EPA ID: NYP004214813
Facility Status: Not reported
Location Address 1: S/W/C E 107 ST. & PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004214813
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/02/2010
Trans1 Recv Date: 09/02/2010
Trans2 Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399104

TSD Site Recv Date: 09/02/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004214813
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 003533434JJK
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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AH323
SSW
1/8-1/4
0.205 mi.
1083 ft.
**CON EDISON MANHOLE 42011
E 107TH ST & PARK AVE SE COR
NEW YORK, NY 10029
Site 3 of 5 in cluster AH**

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST
**1014926210
NYP004239362**

Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 09/01/2011
Actual: Facility name: CON EDISON MANHOLE 42011
17 ft. Facility address: E 107TH ST & PARK AVE SE COR
NEW YORK, NY 10029
EPA ID: NYP004239362
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 42011 (Continued)

1014926210

Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 08/02/2011
Site name: CON EDISON MANHOLE 42011
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004239362
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 007655261JJK
EPA ID: NYP004239362
Date Shipped: 8/2/2011
TSD EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 42011 (Continued)

1014926210

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1,500.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004239362
Facility Status: Not reported
Location Address 1: S/E/C E 107 ST + PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 42011 (Continued)

1014926210

NY MANIFEST:

EPAID: NYP004239362
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: DENNIS HUACON
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: 2124602757

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/02/2011
Trans1 Recv Date: 08/02/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/03/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004239362
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007655261JJK
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: H111
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: 1500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 42011 (Continued)

1014926210

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 additional NY_MANIFEST: detail in the EDR Site Report.

AH324
SSW
1/8-1/4
0.205 mi.
1083 ft.

CON EDISON SERVICE BOX 42008
E 107TH ST & PARK AVE SW COR
NEW YORK, NY 10029

RCRA NonGen / NLR

1014918910
NYP004225298

Site 4 of 5 in cluster AH

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 02/24/2011
Facility name: CON EDISON SERVICE BOX 42008
Facility address: E 107TH ST & PARK AVE SW COR
NEW YORK, NY 10029
EPA ID: NYP004225298
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JOSE MONTALVO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1331
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
Used 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: 01/25/2011
Site name: CON EDISON SERVICE BOX 42008
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AC325
ENE
1/8-1/4
0.206 mi.
1089 ft.

CON EDISON SERVICE BOX 18982
153 E 115TH ST E OF LEXINGTON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918850
NYP004224697

Site 22 of 29 in cluster AC

Relative:
Higher

RCRA NonGen / NLR:

Actual:
23 ft.

Date form received by agency: 02/18/2011
Facility name: CON EDISON SERVICE BOX 18982
Facility address: 153 E 115TH ST E OF LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004224697
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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: 01/19/2011
Site name: CON EDISON SERVICE BOX 18982
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004224697
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18982 (Continued)

1014918850

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: 001128779GBF
EPA ID: NYP004224697
Date Shipped: 1/19/2011
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: 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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H141
Quantity: 400.00 Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18982 (Continued)

1014918850

NY MANIFEST:

Country: USA
EPA ID: NYP004224697
Facility Status: Not reported
Location Address 1: 153 E 115 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004224697
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 01/19/2011
Trans1 Recv Date: 01/19/2011
Trans2 Recv Date: 01/20/2011
TSD Site Recv Date: 01/20/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004224697
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 001128779GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18982 (Continued)

1014918850

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 400.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

V326
SE
1/8-1/4
0.206 mi.
1089 ft.

CON EDISON SERVICE BOX: 18401
E 111TH & 3RD AVE
NEW YORK, NY 10029
Site 14 of 14 in cluster V

RCRA-CESQG 1016150202
NY MANIFEST NYP004288734

Relative:
Lower

RCRA-CESQG:

Actual:
15 ft.

Date form received by agency: 02/12/2013
Facility name: CON EDISON SERVICE BOX: 18401
Facility address: E 111TH & 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004288734
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JOSE MONTALVO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1331
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18401 (Continued)

1016150202

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

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004288734
Facility Status: Not reported
Location Address 1: 214-216 E 111ST & 3RD AVE
Code: BP
Location Address 2: SERV BOX 18401
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004288734
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/12/2013
Trans1 Recv Date: 02/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/13/2013
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18401 (Continued)

1016150202

Part B Recv Date: Not reported
Generator EPA ID: NYP004288734
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010840191JJK
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**W327
WNW
1/8-1/4
0.206 mi.
1089 ft.**

**NEW WEST APARTMENTS-PHASE I
32/38 WEST 111TH STREET
NEW YORK, NY 10026
Site 12 of 13 in cluster W**

**NY UST U001841356
N/A**

**Relative:
Higher
Actual:
21 ft.**

UST:
Id/Status: 2-600233 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 09/01/2016
UTM X: 588584.02188
UTM Y: 4516861.48739
Site Type: Apartment Building/Office Building

Affiliation Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW WEST APARTMENTS-PHASE I (Continued)

U001841356

Site Id: 22216
Affiliation Type: Facility Operator
Company Name: NEW WEST APARTMENTS-PHASE I
Contact Type: Not reported
Contact Name: JORGE URQUILLAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (646) 739-9887
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2011-11-28

Site Id: 22216
Affiliation Type: Emergency Contact
Company Name: JPE NWI GENERAL LLC
Contact Type: Not reported
Contact Name: DENNIS OVALLE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 731-0775
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2011-11-28

Site Id: 22216
Affiliation Type: Mail Contact
Company Name: MANHATTAN NORTH MGMT
Contact Type: Not reported
Contact Name: DENNIS OVALLE
Address1: 107-129 EAST 126TH ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10035
Country Code: 001
Phone: (212) 996-0200
EMail: DOVALE@MANHATTANNORTH.COM
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-12-19

Site Id: 22216
Affiliation Type: Facility Owner
Company Name: JPE NWI GENERAL LLC
Contact Type: AGENT
Contact Name: DENNIS OVALLE
Address1: 405 PARK AVE SUITE 1103

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW WEST APARTMENTS-PHASE I (Continued)

U001841356

Address2: Not reported
City: NY
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 996-0200
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2011-11-28

Tank Info:

Tank Number: 002
Tank ID: 41648
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 2500
Install Date: 01/01/1980
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: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: CGFREEDM
Last Modified: 04/14/2017

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
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
G04 - Tank Secondary Containment - Double-Walled (Underground)
H99 - Tank Leak Detection - Other

W328
WNW
1/8-1/4
0.206 mi.
1089 ft.

NEW WEST APARTMENTS-PHASE I
32/38 WEST 111TH STREET
NEW YORK, NY 10026
Site 13 of 13 in cluster W

NY AST A100359410
N/A

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-600233
Program Type: PBS
UTM X: 588584.02188

Actual:
21 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW WEST APARTMENTS-PHASE I (Continued)

A100359410

UTM Y: 4516861.48739
Expiration Date: 09/01/2016
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 22216
Affiliation Type: Facility Operator
Company Name: NEW WEST APARTMENTS-PHASE I
Contact Type: Not reported
Contact Name: JORGE URQUILLAS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (646) 739-9887
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2011-11-28

Site Id: 22216
Affiliation Type: Emergency Contact
Company Name: JPE NWI GENERAL LLC
Contact Type: Not reported
Contact Name: DENNIS OVALLE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 731-0775
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2011-11-28

Site Id: 22216
Affiliation Type: Mail Contact
Company Name: MANHATTAN NORTH MGMT
Contact Type: Not reported
Contact Name: DENNIS OVALLE
Address1: 107-129 EAST 126TH ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10035
Country Code: 001
Phone: (212) 996-0200
EMail: DOVALE@MANHATTANNORTH.COM
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-12-19

Site Id: 22216
Affiliation Type: Facility Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW WEST APARTMENTS-PHASE I (Continued)

A100359410

Company Name: JPE NWI GENERAL LLC
Contact Type: AGENT
Contact Name: DENNIS OVALLE
Address1: 405 PARK AVE SUITE 1103
Address2: Not reported
City: NY
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 996-0200
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2011-11-28

Tank Info:

Tank Number: 001
Tank Id: 41647
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/28/1979
Capacity Gallons: 2500
Tightness Test Method: 00
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: #2 fuel oil (on-site consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AE329
ESE
1/8-1/4
0.207 mi.
1091 ft.

CON EDISON
E 112TH ST & 3RD AVE
NEW YORK, NY 10029

Site 2 of 9 in cluster AE

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014396693
NYP004190088

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: E 112TH ST & 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004190088
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: 917-440-1809
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: 08/11/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004190088
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: NY061
Municipal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396693

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: 001083757GBF
EPA ID: NYP004190088
Date Shipped: 08/11/2009
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: 08/11/2009
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: 08/11/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1500 P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396693

NY MANIFEST:

Country: USA
EPA ID: NYP004190088
Facility Status: Not reported
Location Address 1: 204 EAST 112 STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MANHATTAN
Location State: NY
Location Zip: 10020
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004190088
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/11/2009
Trans1 Recv Date: 08/11/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/11/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004190088
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001083757GBF
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: H111
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396693

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1500.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AE330 **NYCDEP**
ESE **3RD AVE & 112TH ST**
1/8-1/4 **NEW YORK, NY 10001**
0.207 mi.
1091 ft. **Site 3 of 9 in cluster AE**

NY MANIFEST **1009244195**
N/A

Relative: NY MANIFEST:
Lower Country: USA
EPA ID: NYP010000222
Actual: Facility Status: Not reported
16 ft. Location Address 1: 3RD AVE & 112TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP010000222
Mailing Name: NYCDEP
Mailing Contact: N/S
Mailing Address 1: 1 CENTRE STREET
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10001
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2126698930

NY MANIFEST:
Document ID: NJA0978073
Manifest Status: K
seq: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP (Continued)

1009244195

Year: 1990
Trans1 State ID: NJDEPS581
Trans2 State ID: Not reported
Generator Ship Date: 12/05/1990
Trans1 Recv Date: 12/05/1990
Trans2 Recv Date: / /
TSD Site Recv Date: 12/05/1990
Part A Recv Date: 01/11/1991
Part B Recv Date: 01/02/1991
Generator EPA ID: NYP010000222
Trans1 EPA ID: NJD982281016
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
Waste Code: D007 - CHROMIUM 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: 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: 100

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AI331 CON EDISON
NNE 116TH ST & MADISON AVE
1/8-1/4 NEW YORK, NY 10029
0.207 mi.
1094 ft. Site 1 of 7 in cluster AI

NY MANIFEST S119078045
N/A

Relative: NY MANIFEST:
Higher Country: USA
Actual: EPA ID: NYP004844839
30 ft. Facility Status: Not reported
Location Address 1: NW COR 116TH ST & MADISON AVE
Code: BP
Location Address 2: M 50755
Total Tanks: Not reported
Location City: NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119078045

Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004844839
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/28/2015
Trans1 Recv Date: 09/28/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/28/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004844839
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002613329GBF
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: 2000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119078045

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.

AI332
NNE
1/8-1/4
0.207 mi.
1094 ft.

CON EDISON
116TH ST & MADISON AVE
NEW YORK, NY 10029

NJ MANIFEST S120677253
N/A

Site 2 of 7 in cluster AI

Relative:
Higher

NJ MANIFEST:

Actual:
30 ft.

EPA Id: NYP004844839
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 002613329GBF
EPA ID: NYP004844839
Date Shipped: 9/28/2015
TSDf EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120677253

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AI333
NNE
1/8-1/4
0.207 mi.
1094 ft.

CON EDISON
116TH ST & MADISON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR

1019908346
NYP004844839

Site 3 of 7 in cluster AI

Relative:
Higher

RCRA NonGen / NLR:

Actual:
30 ft.

Date form received by agency: 09/28/2015
Facility name: CON EDISON
Facility address: 116TH ST & MADISON AVE
NEW YORK, NY 10029
EPA ID: NYP004844839
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019908346

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: 09/28/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

AJ334
ENE
1/8-1/4
0.207 mi.
1094 ft.

PS 57
166 EAST 115TH STREET
NEW YORK, NY 10029
Site 1 of 5 in cluster AJ

NY AST A100321705
N/A

Relative:
Higher

Actual:
21 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Inactive
Facility Id: 2-610955
Program Type: PBS
UTM X: 589285.43740
UTM Y: 4516836.11404
Expiration Date: N/A
Site Type: School

Affiliation Records:

Site Id: 405507
Affiliation Type: Facility Owner
Company Name: NYCSCA - BOARD OF EDUCATION
Contact Type: CHIEF MGMT OFFICE
Contact Name: JOSEPH A. BUN
Address1: 166 EAST 115TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029
Country Code: 001
Phone: (999) 999-9999
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-10-20

Site Id: 405507
Affiliation Type: Mail Contact
Company Name: AWL INDUSTRIES, INC.
Contact Type: Not reported
Contact Name: SHAFIULLA MOHAMMED
Address1: 460 MORGAN AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PS 57 (Continued)

A100321705

Country Code: 001
Phone: (718) 388-5500
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-10-20

Site Id: 405507
Affiliation Type: Facility Operator
Company Name: PS 57
Contact Type: Not reported
Contact Name: BILLY JONES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 348-7946
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-10-20

Site Id: 405507
Affiliation Type: Emergency Contact
Company Name: NYCSCA - BOARD OF EDUCATION
Contact Type: Not reported
Contact Name: BILLY JONES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 605-7946
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-10-20

Tank Info:

Tank Number: 0001
Tank Id: 225719
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PS 57 (Continued)

A100321705

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: Not reported
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: dxliving
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

Tank Number: 0002
Tank Id: 225720
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
3
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: Not reported
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: dxliving
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AF335
SSE
1/8-1/4
0.208 mi.
1099 ft.
CON EDISON SERVICE BOX: 18140
182 E 109TH ST
NEW YORK, NY 10029
Site 2 of 9 in cluster AF

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST
1016451069
NYP004301073

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 05/12/2013
Facility name: CON EDISON SERVICE BOX: 18140
Facility address: 182 E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004301073
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 04/12/2013
Site name: CON EDISON SERVICE BOX: 18140
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110056328380

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18140 (Continued)

1016451069

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016451069
Registry ID: 110056328380
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056328380>

NY MANIFEST:

Country: USA
EPA ID: NYP004301073
Facility Status: Not reported
Location Address 1: 182 E 109TH ST
Code: BP
Location Address 2: SERV BOX 18140
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004301073
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/12/2013
Trans1 Recv Date: 04/12/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004301073
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708405JJK
Import Indicator: N
Export Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18140 (Continued)

1016451069

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC336
ENE
1/8-1/4
0.210 mi.
1110 ft.

CONED
122 E 116TH ST
NEW YORK, NY

Site 23 of 29 in cluster AC

NY MANIFEST S110823740
N/A

Relative:
Higher

Actual:
26 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004226579
Facility Status: Not reported
Location Address 1: 122 E 116TH ST
Code: BP
Location Address 2: PARK AVE
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004226579
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: Not reported
Mailing City: NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONED (Continued)

S110823740

Mailing State: NY
Mailing Zip: 10004
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: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/03/2011
Trans1 Recv Date: 02/03/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/07/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004226579
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 001057968GBF
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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONED (Continued)

S110823740

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AK337
ESE
1/8-1/4
0.211 mi.
1113 ft.

CON EDISON
2050 3RD AV
NEW YORK, NY 10029

NY MANIFEST **S117317244**
N/A

Site 1 of 2 in cluster AK

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP004646329
Facility Status: Not reported
Location Address 1: 2050 3RD AV
Code: BP
Location Address 2: SB45641
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004646329
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/03/2014
Trans1 Recv Date: 09/03/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/05/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004646329
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002563296GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317244

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Y338
North
1/8-1/4
0.213 mi.
1122 ft.

CON EDISON SERVICE BOX: 34124
1400 5TH AVE FRONT OF
NEW YORK, NY 10035

RCRA NonGen / NLR **1016450971**
NY MANIFEST **NYP004300059**

Site 5 of 5 in cluster Y

Relative:
Higher

RCRA NonGen / NLR:

Actual:
24 ft.

Date form received by agency: 05/09/2013
Facility name: CON EDISON SERVICE BOX: 34124
Facility address: 1400 5TH AVE FRONT OF
NEW YORK, NY 10035
EPA ID: NYP004300059
Contact: RICARDO CARTY
Contact address: Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 34124 (Continued)

1016450971

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: 04/09/2013
Site name: CON EDISON SERVICE BOX: 34124
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300059
Facility Status: Not reported
Location Address 1: F/O 1400 5 AVE
Code: BP
Location Address 2: SERVICE BOX # 34124
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300059
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/09/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 34124 (Continued)

1016450971

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300059
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708384JJK
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: 300
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AB339
SW
1/8-1/4
0.213 mi.
1127 ft.

LAKEVIEW APARTMENTS
4 EAST 107TH STREET
NEW YORK, NY 10029

NY UST **U001838789**
N/A

Site 9 of 10 in cluster AB

Relative:
Higher

UST:

Actual:
18 ft.

Id/Status: 2-326445 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 01/07/2023
UTM X: 588569.35457
UTM Y: 4516526.61914
Site Type: Apartment Building/Office Building

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKEVIEW APARTMENTS (Continued)

U001838789

Affiliation Records:

Site Id:	15211
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	DALTON MANAGEMENT CO. LLC
Address1:	P.O. BOX 1763
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10156-1763
Country Code:	001
Phone:	(212) 679-9800
EMail:	RCD@DALTONCV.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2013-01-30
Site Id:	15211
Affiliation Type:	Emergency Contact
Company Name:	5TH + 106TH STREET ASSOCIATES
Contact Type:	Not reported
Contact Name:	STEVE HIEVIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 269-9800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-11-20
Site Id:	15211
Affiliation Type:	Facility Operator
Company Name:	LAKEVIEW APARTMENTS
Contact Type:	Not reported
Contact Name:	ERROL RODD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 296-4710
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2013-01-30
Site Id:	15211
Affiliation Type:	Facility Owner
Company Name:	5TH + 106TH STREET ASSOCIATES
Contact Type:	CEO
Contact Name:	STEVE HIEVIA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAKEVIEW APARTMENTS (Continued)

U001838789

Address1: 3 PARK AVE - SUITE 2800
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10016
Country Code: 001
Phone: (212) 679-9800
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-11-20

Tank Info:

Tank Number: 001
Tank ID: 26560
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2000
Install Date: 12/18/1980
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: 08/27/2010
Next Test Date: 10/11/2016
Pipe Model: Not reported
Modified By: BKFALVEY
Last Modified: 04/14/2017

Equipment Records:

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
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

AB340 4 EAST 107 STREET
SW 4 EAST 107TH ST.
1/8-1/4 MANHATTAN, NY
0.213 mi.
1127 ft. Site 10 of 10 in cluster AB

NY LTANKS S100879145
N/A

Relative: LTANKS:
Higher Facility ID: 9312781
Site ID: 227384
Actual: Closed Date: 1994-01-31
18 ft. Spill Number: 9312781
Spill Date: 1994-01-30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4 EAST 107 STREET (Continued)

S100879145

Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	1994-01-31
SWIS:	3101
Investigator:	ADZHITOM
Referred To:	Not reported
Reported to Dept:	1994-01-30
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:	1994-02-10
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extension:	Not reported
DEC Region:	2
DER Facility ID:	187677
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ALEX Z. "
Remarks:	"POSSIBLE TANK OVERFILL - NYC EMS IS ON THE SCENE SPEEDY DRY HAS BEEN APPLIED - CALL BACK REQUIRED."

All TTF:

Facility ID:	9312781
Spill Number:	9312781
Spill Tank Test:	1542400
Site ID:	227384
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:	227384
Operable Unit ID:	991376
Operable Unit:	01
Material ID:	388196
Material Code:	0001A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4 EAST 107 STREET (Continued)

S100879145

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: G
Recovered: .00
Oxygenate: Not reported

**AF341
SE
1/8-1/4
0.214 mi.
1129 ft.**

**CON EDISON
2011 110TH ST & 3RD AVE
NEW YORK, NY 10029**

**RCRA NonGen / NLR
FINDS
ECHO**

**1018279343
NYP004741484**

Site 3 of 9 in cluster AF

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
15 ft.**

Date form received by agency: 03/03/2015
Facility name: CON EDISON
Facility address: 2011 110TH ST & 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004741484
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 03/03/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018279343

FINDS:

Registry ID: 110067689031

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: 1018279343
Registry ID: 110067689031
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067689031>

AC342
ENE
1/8-1/4
0.214 mi.
1130 ft.

CON EDISON SERVICE BOX 18983
161 E 115TH ST E OF LEXINGTON AVE
NEW YORK, NY 10029
Site 24 of 29 in cluster AC

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918843
NYP004224622

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/18/2011
Facility name: CON EDISON SERVICE BOX 18983
Facility address: 161 E 115TH ST E OF LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004224622
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18983 (Continued)

1014918843

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: 01/19/2011
Site name: CON EDISON SERVICE BOX 18983
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004224622
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 007660185JJK
EPA ID: NYP004224622
Date Shipped: 1/19/2011
TSD 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 TSD Received Waste: Not reported
TSD EPA Facility Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18983 (Continued)

1014918843

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 500.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004224622
Facility Status: Not reported
Location Address 1: 161 E 115TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004224622
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
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: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18983 (Continued)

1014918843

Generator Ship Date: 01/19/2011
Trans1 Recv Date: 01/19/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/20/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004224622
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007660185JJK
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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AK343
East
1/8-1/4
0.215 mi.
1135 ft.
CON EDISON
2052 3RD AV
NEW YORK, NY 10029
Site 2 of 2 in cluster AK

NY MANIFEST **S117317246**
N/A

Relative: NY MANIFEST:
Higher Country: USA
Actual: EPA ID: NYP004646345
18 ft. Facility Status: Not reported
Location Address 1: 2052 3RD AV
Code: BP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317246

Location Address 2: SB45647
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004646345
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/03/2014
Trans1 Recv Date: 09/03/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/05/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004646345
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002563295GBF
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: 500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317246

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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AE344
ESE
1/8-1/4
0.216 mi.
1140 ft.

CON EDISON
2033 3RD AV
NEW YORK, NY 10029
Site 4 of 9 in cluster AE

NY MANIFEST **S117317127**
N/A

Relative:
Lower

NY MANIFEST:

Country: USA
EPA ID: NYP004644878
Facility Status: Not reported
Location Address 1: 2033 3RD AV
Code: BP
Location Address 2: SB45638
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004644878
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/02/2014
Trans1 Recv Date: 09/02/2014
Trans2 Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317127

TSD Site Recv Date: 09/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004644878
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002608779GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AD345 **83 EAST 116TH STREET**
NNE **83 EAST 116TH ST**
1/8-1/4 **NEW YORK, NY 10029**
0.216 mi.
1141 ft. **Site 7 of 11 in cluster AD**

NY UST **U003712117**
 N/A

Relative: UST:
Higher Id/Status: 2-604260 / Unregulated/Closed
 Program Type: PBS
Actual: Region: STATE
30 ft. DEC Region: 2
 Expiration Date: N/A
 UTM X: 589132.79766
 UTM Y: 4517061.85597
 Site Type: Retail Gasoline Sales

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

83 EAST 116TH STREET (Continued)

U003712117

Affiliation Records:

Site Id: 26139
Affiliation Type: Facility Owner
Company Name: MADISON COURT ASSOCIATES, L.P.
Contact Type: Not reported
Contact Name: Not reported
Address1: 1 NORTH MACQUESTON PARKWAY
Address2: Not reported
City: MOUNT VERNON
State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 667-8200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26139
Affiliation Type: Mail Contact
Company Name: MACQUESTION DEVELOPMENT CORP.
Contact Type: Not reported
Contact Name: MS. RELLA FOGLIANO
Address1: 1 NORTH MACQUESTON PARKWAY
Address2: Not reported
City: MOUNT VERNON
State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 667-8200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26139
Affiliation Type: Facility Operator
Company Name: 83 EAST 116TH STREET
Contact Type: Not reported
Contact Name: VACANT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 667-8200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26139
Affiliation Type: Emergency Contact
Company Name: MADISON COURT ASSOCIATES, L.P.
Contact Type: Not reported
Contact Name: RELLA FOGLIANO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

83 EAST 116TH STREET (Continued)

U003712117

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 667-8200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1
Tank ID: 57173
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/27/1999
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:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 2
Tank ID: 57174
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/27/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

83 EAST 116TH STREET (Continued)

U003712117

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:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 3
Tank ID: 57175
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/27/1999
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:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 4
Tank ID: 57176
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

83 EAST 116TH STREET (Continued)

U003712117

Install Date: Not reported
Date Tank Closed: 09/27/1999
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:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None

AI346
NNE
1/8-1/4
0.216 mi.
1141 ft.

MCQUESTON DEVELOPMENT CORP
67-85 E 116TH ST
NEW YORK, NY 10029
Site 4 of 7 in cluster AI

RCRA NonGen / NLR
FINDS
ECHO
NY MANIFEST
1001818235
NYR000077511

Relative:
Higher

Actual:
30 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: MCQUESTON DEVELOPMENT CORP
Facility address: 67-85 E 116TH ST
NEW YORK, NY 10029-1005
EPA ID: NYR000077511
Mailing address: N MACQUESTEN PKWY
MOUNT VERNON, NY 10550
Contact: RELLA FOGLIANO
Contact address: N MACQUESTEN PKWY
MOUNT VERNON, NY 10550
Contact country: US
Contact telephone: 914-667-8200
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: MCQUESTON DEVELOPMENT CORP
Owner/operator address: 1 N MACQUESTEN PKWY
MOUNT VERNON, NY 10550
Owner/operator country: US
Owner/operator telephone: 914-667-8200
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCQUESTON DEVELOPMENT CORP (Continued)

1001818235

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: MCQUESTON DEVELOPMENT CORP
Owner/operator address: 1 N MACQUESTEN PKWY
MOUNT VERNON, NY 10550

Owner/operator country: US
Owner/operator telephone: 914-667-8200
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: MCQUESTON DEVELOPMENT CORP
Classification: Not a generator, verified

Date form received by agency: 10/13/1999
Site name: MCQUESTON DEVELOPMENT CORP
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCQUESTON DEVELOPMENT CORP (Continued)

1001818235

Violation Status: No violations found

FINDS:

Registry ID: 110004556935

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: 1001818235
Registry ID: 110004556935
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004556935>

NY MANIFEST:

Country: USA
EPA ID: NYR000077511
Facility Status: Not reported
Location Address 1: 67-85 E 116TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000077511
Mailing Name: MCQUESTION DEVELOPMENT CORP
Mailing Contact: W KLIEN
Mailing Address 1: 67-85 E 116TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10026
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7187265200

NY MANIFEST:

Document ID: NYH0070677
Manifest Status: Not reported
seq: 01
Year: 1999
Trans1 State ID: PX3640
Trans2 State ID: Not reported
Generator Ship Date: 11/11/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCQUESTON DEVELOPMENT CORP (Continued)

1001818235

Trans1 Recv Date: 11/11/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/11/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000077511
Trans1 EPA ID: NYD082785429
Trans2 EPA ID: Not reported
TSDF ID 1: NYD082785429
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: 01200
Units: P - Pounds
Number of Containers: 003
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 additional NY_MANIFEST: detail in the EDR Site Report.

AC347
ENE
1/8-1/4
0.216 mi.
1142 ft.
CON EDISON - MANHOLE M56998
126 E 116TH
NEW YORK, NY 10029
Site 25 of 29 in cluster AC

NY MANIFEST **S120958364**
N/A

Relative: NY MANIFEST:
Higher Country: USA
EPA ID: NYP004932214
Facility Status: Not reported
Location Address 1: 126 E 116TH
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Actual:
25 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - MANHOLE M56998 (Continued)

S120958364

NY MANIFEST:

EPAID: NYP004932214
Mailing Name: CON EDISON - MANHOLE M56998
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL NE
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

AE348
ESE
1/8-1/4
0.219 mi.
1155 ft.
CON EDISON
2027 3RD AVE
NEW YORK, NY 10029
Site 5 of 9 in cluster AE

NY MANIFEST **S117317126**
N/A

Relative:
Lower

Actual:
15 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP004644852
Facility Status: Not reported
Location Address 1: 2027 3RD AV
Code: BP
Location Address 2: SB45636
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004644852
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/02/2014
Trans1 Recv Date: 09/02/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/02/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317126

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004644852
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002609042GBF
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:	500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Country:	USA
EPA ID:	NYP004839662
Facility Status:	Not reported
Location Address 1:	2027 3RD AVE
Code:	BP
Location Address 2:	SB 45636
Total Tanks:	Not reported
Location City:	NEW YORK
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported
NY MANIFEST:	
EPAID:	NYP004839662
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317126

Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/17/2015
Trans1 Recv Date: 09/17/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/17/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004839662
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014472914JJK
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117317126

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY_MANIFEST: record(s) in the EDR Site Report.

AE349 CON EDISON
ESE 2027 3RD AVE
1/8-1/4 NEW YORK, NY 10029
0.219 mi.
1155 ft. Site 6 of 9 in cluster AE

NJ MANIFEST S120676796
N/A

Relative: NJ MANIFEST:
Lower EPA Id: NYP004839662
Actual: Mail Address: IRVING PL 15TH FL NE
15 ft. Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 014472914JJK
EPA ID: NYP004839662
Date Shipped: 9/17/2015
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120676796

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

AE350
ESE
1/8-1/4
0.219 mi.
1155 ft.

CON EDISON
2027 3RD AVE
NEW YORK, NY 10029

RCRA NonGen / NLR
FINDS
ECHO

1019907906
NYP004839662

Site 7 of 9 in cluster AE

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 09/17/2015
Facility name: CON EDISON
Facility address: 2027 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004839662
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 09/17/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019907906

Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069644763

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: 1019907906
Registry ID: 110069644763
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069644763>

AD351
NNE
1/8-1/4
0.219 mi.
1157 ft.

CON EDISON
91 E 116 ST. AND PARK AVE
NEW YORK, NY 10029

NY MANIFEST **S117736903**
N/A

Site 8 of 11 in cluster AD

Relative:
Higher
Actual:
30 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004586483
Facility Status: Not reported
Location Address 1: 91 E 116 ST. AND PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004586483
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117736903

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/05/2014
Trans1 Recv Date:	07/05/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/08/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004586483
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002423894GBF
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:	2200
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AL352
SE
1/8-1/4
0.220 mi.
1160 ft.
NY PRESTIGE INC
2013 THIRD AVENUE
NEW YORK, NY 10029
Site 1 of 6 in cluster AL

NY AST **A100300227**
N/A

Relative:
Lower

AST:

Actual:
15 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-610411
Program Type: PBS
UTM X: 589210.56638
UTM Y: 4516469.18379
Expiration Date: 07/12/2015
Site Type: Other

Affiliation Records:

Site Id: 374083
Affiliation Type: Mail Contact
Company Name: NY PRESTIGE INC
Contact Type: Not reported
Contact Name: RAFFI
Address1: 2013 THIRD AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029
Country Code: 001
Phone: (212) 722-7223
EMail: PRESTIGE.AUTOMOTIVE111@GMAIL.COM
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2010-07-14

Site Id: 374083
Affiliation Type: Facility Operator
Company Name: NY PRESTIGE INC
Contact Type: Not reported
Contact Name: RAFFI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 722-7223
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2010-07-14

Site Id: 374083
Affiliation Type: Emergency Contact
Company Name: JOSEPH MAZIG
Contact Type: Not reported
Contact Name: JOSEPH
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NY PRESTIGE INC (Continued)

A100300227

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 855-0088
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2010-07-14

Site Id: 374083
Affiliation Type: Facility Owner
Company Name: JOSEPH MAZIG
Contact Type: VICE PRESIDENT
Contact Name: JOSEPH MAZIG
Address1: 400 E 80TH ST APT 3B
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10021
Country Code: 001
Phone: (917) 855-0088
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2010-07-14

Tank Info:

Tank Number: 45-M
Tank Id: 214685
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location: 3
Tank Type: Stainless Steel Alloy
Tank Status: In Service
Pipe Model: Not reported
Install Date: 10/20/2006
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NY PRESTIGE INC (Continued)

A100300227

Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: waste oil/used oil

AD353
NE
1/8-1/4
0.220 mi.
1161 ft.

CON EDISON SERVICE BOX 19142
103 E 116TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR

1014918956
NYP004225751

Site 9 of 11 in cluster AD

Relative:
Higher

RCRA NonGen / NLR:

Actual:
29 ft.

Date form received by agency: 02/26/2011
Facility name: CON EDISON SERVICE BOX 19142
Facility address: 103 E 116TH ST
NEW YORK, NY 10029
EPA ID: NYP004225751
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 01/27/2011
Site name: CON EDISON SERVICE BOX 19142
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AG354
North
1/8-1/4
0.220 mi.
1163 ft.
CON EDISON
19 E 116 ST
NEW YORK, NY 10029
Site 3 of 9 in cluster AG

NY MANIFEST **S117316724**
N/A

Relative:
Higher

Actual:
29 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP004640132
Facility Status: Not reported
Location Address 1: 19 E 116 ST
Code: BP
Location Address 2: SB 19105
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004640132
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: 2014
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/26/2014
Trans1 Recv Date: 08/26/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/27/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004640132
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013254466JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117316724

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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AL355
SE
1/8-1/4
0.221 mi.
1167 ft.**

**CON EDISON SERVICE BOX 45627
2011 3RD AVE
NEW YORK, NY 10029
Site 2 of 6 in cluster AL**

**RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST**

**1014919381
NYP004235438**

**Relative:
Lower
Actual:
15 ft.**

RCRA NonGen / NLR:
Date form received by agency: 06/11/2011
Facility name: CON EDISON SERVICE BOX 45627
Facility address: 2011 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004235438
Mailing address: IRVING PLAZA RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45627 (Continued)

1014919381

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: 05/12/2011
Site name: CON EDISON SERVICE BOX 45627
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004235438
Mail Address: IRVING PLAZA RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007660116JJK
EPA ID: NYP004235438
Date Shipped: 5/12/2011
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45627 (Continued)

1014919381

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 250.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004235438
Facility Status: Not reported
Location Address 1: 2011 3RD AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004235438
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45627 (Continued)

1014919381

seq:	Not reported
Year:	2011
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/12/2011
Trans1 Recv Date:	05/12/2011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/13/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004235438
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	007660116JJK
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:	H111
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:	250.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AJ356
East
1/8-1/4
0.222 mi.
1170 ft.
NYC DEPT OF EDUCATION - P S 57M
176 E 115TH ST
NEW YORK, NY 10029
Site 2 of 5 in cluster AJ

RCRA-SQG
FINDS
ECHO
NY MANIFEST
1016455477
NYR000205807

Relative:
Higher

Actual:
20 ft.

RCRA-SQG:
Date form received by agency: 11/26/2013
Facility name: NYC DEPT OF EDUCATION - P S 57M
Facility address: 176 E 115TH ST
NEW YORK, NY 10029
EPA ID: NYR000205807
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 SCHOOL FACILITIES
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: 02/19/1964
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-472-8501
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: 02/19/1964
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - P S 57M (Continued)

1016455477

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

FINDS:

Registry ID: 110056505982

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: 1016455477
Registry ID: 110056505982
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110056505982>

NY MANIFEST:

Country: USA
EPA ID: NYR000205807
Facility Status: Not reported
Location Address 1: 176 E 115TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - P S 57M (Continued)

1016455477

EPAID: NYR000205807
Mailing Name: NYC DEPT OF EDUCATION - P S 57M
Mailing Contact: NYC DEPT OF EDUCATION - P S 57M
Mailing Address 1: 176 E 115TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029
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: 2017
Trans1 State ID: MAC300016672
Trans2 State ID: Not reported
Generator Ship Date: 05/09/2017
Trans1 Recv Date: 05/09/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/12/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000205807
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NYD077444263
TSD ID 2: Not reported
Manifest Tracking Number: 010427064FLE
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: 13
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: B007
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEPT OF EDUCATION - P S 57M (Continued)

1016455477

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.

AJ357
East
1/8-1/4
0.222 mi.
1170 ft.

PUBLIC SCHOOL 57 - MANHATTAN (M057)
176 EAST 115TH STREET
NEW YORK, NY 10029

NY AST **U004077906**
N/A

Site 3 of 5 in cluster AJ

Relative:
Higher
Actual:
20 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-478415
Program Type: PBS
UTM X: 589348.21785
UTM Y: 4516829.86474
Expiration Date: N/A
Site Type: School

Affiliation Records:
Site Id: 21261
Affiliation Type: Emergency Contact
Company Name: BOARD OF EDUCATION
Contact Type: Not reported
Contact Name: SCHOOL SAFETY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 935-3300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21261
Affiliation Type: Facility Operator
Company Name: PUBLIC SCHOOL 57 - MANHATTAN (M057)
Contact Type: Not reported
Contact Name: PLANT OPERATIONS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 349-5400
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 57 - MANHATTAN (M057) (Continued)

U004077906

Date Last Modified: 2004-12-07

Site Id: 21261
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPT. OF EDUCATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 391-6832
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2008-12-01

Site Id: 21261
Affiliation Type: Mail Contact
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: RAYMOND CORREA
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5738
EMail: RCORREA5@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2010-03-23

Tank Info:

Tank Number: 001
Tank Id: 38505
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
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
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 57 - MANHATTAN (M057) (Continued)

U004077906

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/08/2008
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 38506
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
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
H00 - Tank Leak Detection - None

6
Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/08/2008
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AC358
ENE
1/8-1/4
0.223 mi.
1176 ft.

CON EDISON SERVICE BOX: 19159
150 E 116TH ST
NEW YORK, NY 10029
Site 26 of 29 in cluster AC

RCRA NonGen / NLR
1017771888
NYP004488342

Relative:
Higher

RCRA NonGen / NLR:

Actual:
23 ft.

Date form received by agency: 05/03/2014
Facility name: CON EDISON SERVICE BOX: 19159
Facility address: 150 E 116TH ST
NEW YORK, NY 10029
EPA ID: NYP004488342
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 04/03/2014
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 04/03/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AC359
ENE
1/8-1/4
0.223 mi.
1176 ft.

CON EDISON SERVICE BOX: 19159
150 E 116TH ST FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR
NY MANIFEST
1016965946
NYP004388021

Site 27 of 29 in cluster AC

Relative:
Higher

RCRA NonGen / NLR:

Actual:
23 ft.

Date form received by agency: 12/08/2013
Facility name: CON EDISON SERVICE BOX: 19159
Facility address: 150 E 116TH ST FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004388021
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 11/08/2013
Site name: CON EDISON SERVICE BOX: 19159
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004388021
Facility Status: Not reported
Location Address 1: 150 E 116TH ST
Code: BP
Location Address 2: SB19159
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19159 (Continued)

1016965946

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004388021
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 11/08/2013
Trans1 Recv Date: 11/08/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/08/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004388021
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002237024GBF
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: 800
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19159 (Continued)

1016965946

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 additional NY_MANIFEST: detail in the EDR Site Report.

**AC360
ENE
1/8-1/4
0.223 mi.
1176 ft.**

**CON EDISON
150 E 116TH ST
NEW YORK, NY 10029

Site 28 of 29 in cluster AC**

**NY MANIFEST S116550451
N/A**

**Relative:
Higher

Actual:
23 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004488342
Facility Status: Not reported
Location Address 1: 150 E 116 ST
Code: BP
Location Address 2: SB19159
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004488342
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/03/2014
Trans1 Recv Date: 04/03/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/08/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004488342
Trans1 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S116550451

Trans2 EPA ID: Not reported
TSDf ID 1: NJD991291105
TSDf ID 2: Not reported
Manifest Tracking Number: 002358617GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AM361 115 E 116 ST
NE 115 EAST 116TH STREET
1/8-1/4 NEW YORK, NY 10029

0.223 mi.
1177 ft.

Site 1 of 14 in cluster AM

NY AST A100358217
N/A

Relative:
Higher

Actual:
27 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-611667
Program Type: PBS
UTM X: 589209.13630
UTM Y: 4516987.37885
Expiration Date: N/A
Site Type: Apartment Building/Office Building
Affiliation Records:
Site Id: 454814
Affiliation Type: Facility Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

115 E 116 ST (Continued)

A100358217

Company Name: DERMOT REALTY MANAGEMENT CO.
Contact Type: Not reported
Contact Name: Not reported
Address1: 729 SEVENTH AVENUE 15TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (347) 865-4655
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-09-07

Site Id: 454814
Affiliation Type: Mail Contact
Company Name: DERMOT REALTY MANAGEMENT CO.
Contact Type: Not reported
Contact Name: MR. ERIC UNDERWOOD
Address1: 729 SEVENTH AVENUE
Address2: 15TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (347) 865-4655
EMail: EUNDERWOOD@DERMOTCOMPANY.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-10-06

Site Id: 454814
Affiliation Type: Facility Operator
Company Name: 115 E 116 ST
Contact Type: Not reported
Contact Name: ADRIAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 865-5253
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-09-07

Site Id: 454814
Affiliation Type: Emergency Contact
Company Name: DERMOT REALTY MANAGEMENT CO.
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

115 E 116 ST (Continued)

A100358217

State: NN
Zip Code: Not reported
Country Code: 001
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-09-07

Tank Info:

Tank Number: 001
Tank Id: 240779
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
D10 - Pipe Type - Copper
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 01/01/2001
Capacity Gallons: 10000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/24/2017
Register: True
Modified By: LXZIELIN
Last Modified: 07/10/2017
Material Name: #2 fuel oil (on-site consumption)

**AL362
SE
1/8-1/4
0.223 mi.
1178 ft.**

**R & S STRAUSS
2005-07 3RD AVE
NEW YORK, NY 10029
Site 3 of 6 in cluster AL**

**RCRA NonGen / NLR 1000132804
FINDS NYD980757983
ECHO**

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
15 ft.**

Date form received by agency: 01/01/2007
Facility name: R & S STRAUSS
Facility address: 2005-07 3RD AVE
NEW YORK, NY 10029-3208
EPA ID: NYD980757983
Mailing address: 3RD AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R & S STRAUSS (Continued)

1000132804

NEW YORK, NY 10029
Contact: Not reported
Contact address: 3RD AVE
NEW YORK, NY 10029
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: R&S STRAUSS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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: R&S STRAUSS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R & S STRAUSS (Continued)

1000132804

Historical Generators:

Date form received by agency: 01/01/2006
Site name: R & S STRAUSS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: R & S STRAUSS
Classification: Not a generator, verified

Date form received by agency: 06/29/1983
Site name: R & S STRAUSS
Classification: Large Quantity Generator

Waste code: NONE
Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110004389992

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: 1000132804
Registry ID: 110004389992
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004389992>

AM363
NE
1/8-1/4
0.226 mi.
1192 ft.

CON EDISON - SERVICE BOX 19143
109 E 116 ST
NEW YORK, NY 10029

NY MANIFEST S120959246
N/A

Site 2 of 14 in cluster AM

Relative:
Higher
Actual:
28 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP005006228
Facility Status: Not reported
Location Address 1: 109 E 116 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - SERVICE BOX 19143 (Continued)

S120959246

NY MANIFEST:

EPAID: NYP005006228
Mailing Name: CON EDISON - SERVICE BOX 19143
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL NE
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

AJ364
ENE
1/8-1/4
0.226 mi.
1193 ft.

CON EDISON SERVICE BOX 18984
169 E 115TH ST E OF LEXINGTON AVE
NEW YORK, NY 10035

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918849
NYP004224689

Site 4 of 5 in cluster AJ

Relative:
Higher

RCRA NonGen / NLR:

Actual:
21 ft.

Date form received by agency: 02/18/2011
Facility name: CON EDISON SERVICE BOX 18984
Facility address: 169 E 115TH ST E OF LEXINGTON AVE
NEW YORK, NY 10035
EPA ID: NYP004224689
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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
Used 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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18984 (Continued)

1014918849

Date form received by agency: 01/19/2011
Site name: CON EDISON SERVICE BOX 18984
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004224689
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001128778GBF
EPA ID: NYP004224689
Date Shipped: 1/19/2011
TSD 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: 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 TSD Received Waste: Not reported
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18984 (Continued)

1014918849

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

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H141
Quantity: 1,200.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004224689
Facility Status: Not reported
Location Address 1: 167 E 115 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10002
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004224689
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 01/19/2011
Trans1 Recv Date: 01/19/2011
Trans2 Recv Date: 01/20/2011
TSD Site Recv Date: 01/20/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004224689

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18984 (Continued)

1014918849

Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 001128778GBF
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: 1200.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AN365
NNW
1/8-1/4
0.228 mi.
1202 ft.

CON EDISON SERVICE BOX: 18954
24 W 115TH ST FRONT OF
NEW YORK, NY 10026
Site 1 of 3 in cluster AN

RCRA NonGen / NLR **1016450970**
NY MANIFEST **NYP004300042**

Relative:
Higher

RCRA NonGen / NLR:

Actual:
22 ft.

Date form received by agency: 05/09/2013
Facility name: CON EDISON SERVICE BOX: 18954
Facility address: 24 W 115TH ST FRONT OF
NEW YORK, NY 10026
EPA ID: NYP004300042
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18954 (Continued)

1016450970

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
Used 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: 04/09/2013
Site name: CON EDISON SERVICE BOX: 18954
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300042
Facility Status: Not reported
Location Address 1: F/O 24 W 115 ST
Code: BP
Location Address 2: SERVICE BOX # 18954
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300042
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18954 (Continued)

1016450970

Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/09/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300042
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708382JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AD366
NE
1/8-1/4
0.228 mi.
1203 ft.

CON EDISON SERVICE BOX 42064
1644 PARK AVE N OF E 116TH ST
NEW YORK, NY 10035

Site 10 of 11 in cluster AD

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918756
NYP004223756

Relative:
Higher

RCRA NonGen / NLR:

Actual:
29 ft.

Date form received by agency: 02/12/2011
Facility name: CON EDISON SERVICE BOX 42064
Facility address: 1644 PARK AVE N OF E 116TH ST
NEW YORK, NY 10035
EPA ID: NYP004223756
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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: 01/13/2011
Site name: CON EDISON SERVICE BOX 42064
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004223756
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 42064 (Continued)

1014918756

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: 007655750JJK
EPA ID: NYP004223756
Date Shipped: 1/13/2011
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 200.00 Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 42064 (Continued)

1014918756

NY MANIFEST:

Country: USA
EPA ID: NYP004223756
Facility Status: Not reported
Location Address 1: F/O 1644 E 116 ST & PARK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004223756
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: DENNIS HUACON
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: 2124602757

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/13/2011
Trans1 Recv Date: 01/13/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/14/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004223756
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007655750JJK
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: H111
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 42064 (Continued)

1014918756

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 200.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AM367
NE
1/8-1/4
0.228 mi.
1206 ft.

CON EDISON
121 E 116TH ST
NEW YORK, NY 10026
Site 3 of 14 in cluster AM

NJ MANIFEST **S120671110**
N/A

Relative:
Higher

Actual:
26 ft.

NJ MANIFEST:
EPA Id: NYP004775177
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 002611865GBF
EPA ID: NYP004775177
Date Shipped: 4/27/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120671110

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

AM368
NE
1/8-1/4
0.228 mi.
1206 ft.

CON EDISON
121 E 116TH ST
NEW YORK, NY 10026
Site 4 of 14 in cluster AM

RCRA NonGen / NLR **1019902556**
NYP004775177

Relative:
Higher
Actual:
26 ft.

RCRA NonGen / NLR:
Date form received by agency: 04/27/2015
Facility name: CON EDISON
Facility address: 121 E 116TH ST
NEW YORK, NY 10026
EPA ID: NYP004775177
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019902556

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: 04/27/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AM369
NE
1/8-1/4
0.228 mi.
1206 ft.

CON EDISON
121 E 116TH ST
NEW YORK, NY 10026
Site 5 of 14 in cluster AM

NY MANIFEST **S119074866**
N/A

Relative:
Higher
Actual:
26 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004775177
Facility Status: Not reported
Location Address 1: 121 W 116ST
Code: BP
Location Address 2: MH # 19084
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004775177
Mailing Name: CON EDISON
Mailing Contact: TOM TELLING
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119074866

seq:	Not reported
Year:	2015
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/27/2015
Trans1 Recv Date:	04/27/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/01/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004775177
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002611865GBF
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:	2000
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM370
NE
1/8-1/4
0.229 mi.
1208 ft.
CON EDISON
115 E 116TH ST
NEW YORK, NY 10029
Site 6 of 14 in cluster AM

RCRA NonGen / NLR
FINDS
ECHO
1018277966
NYP004727145

Relative:
Higher

RCRA NonGen / NLR:

Actual:
27 ft.

Date form received by agency: 02/06/2015
Facility name: CON EDISON
Facility address: 115 E 116TH ST
NEW YORK, NY 10029
EPA ID: NYP004727145
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 02/06/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067696693

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018277966

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1018277966
Registry ID: 110067696693
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067696693>

AM371
NE
1/8-1/4
0.229 mi.
1208 ft.

CON EDISON
115 E 116TH ST
NEW YORK, NY 10026

NY MANIFEST S119074856
N/A

Site 7 of 14 in cluster AM

Relative:
Higher
Actual:
27 ft.

NY MANIFEST:

Country: USA
EPA ID: NYP004775037
Facility Status: Not reported
Location Address 1: 115- W 116 ST
Code: BP
Location Address 2: SB # 19085
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004775037
Mailing Name: CON EDISON
Mailing Contact: TOM TELLING
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/27/2015
Trans1 Recv Date: 04/27/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/01/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004775037
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119074856

TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002611867GBF
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: 500
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

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2 additional NY_MANIFEST: record(s) in the EDR Site Report.

AM372
NE
1/8-1/4
0.229 mi.
1208 ft.

CON EDISON
115 E 116TH ST
NEW YORK, NY 10026

Site 8 of 14 in cluster AM

RCRA NonGen / NLR

1019902544
NYP004775037

Relative:
Higher

RCRA NonGen / NLR:

Actual:
27 ft.

Date form received by agency: 04/27/2015
Facility name: CON EDISON
Facility address: 115 E 116TH ST
NEW YORK, NY 10026
EPA ID: NYP004775037
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019902544

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
Used 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: 04/27/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AO373
WNW
1/8-1/4
0.230 mi.
1212 ft.

**CONSOLIDATED EDISON
FRONT OF 14 WEST 111 STREET
NEW YORK, NY 10020**

**NY MANIFEST S110046310
N/A**

Site 1 of 4 in cluster AO

**Relative:
Higher**

NY MANIFEST:

Country: USA
EPA ID: NYP004185591
Facility Status: Not reported
Location Address 1: FRONT OF 14 WEST 111 STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10020
Location Zip 4: Not reported

**Actual:
21 ft.**

NY MANIFEST:

EPAID: NYP004185591
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S110046310

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2009
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	07/28/2009
Trans1 Recv Date:	07/28/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/28/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004185591
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	001084364GBF
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:	H111
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:	1000.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AG374
North
1/8-1/4
0.230 mi.
1217 ft.

CON EDISON SERVICE BOX: 19121
W 116TH ST & 5TH AVE SB 19121
NEW YORK, NY 10026

Site 4 of 9 in cluster AG

RCRA NonGen / NLR
ECHO
NY MANIFEST
NJ MANIFEST

1014395959
NYP004181392

Relative:
Higher

RCRA NonGen / NLR:

Actual:
25 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON SERVICE BOX: 19121
Facility address: W 116TH ST & 5TH AVE SB 19121
NEW YORK, NY 10026
EPA ID: NYP004181392
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5423
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: 06/25/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

ECHO:

Envid: 1014395959
Registry ID: 110039576250
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110039576250>

NY MANIFEST:

Country: USA
EPA ID: NYP004181392
Facility Status: Not reported
Location Address 1: 16 W116TH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19121 (Continued)

1014395959

Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004181392
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: ROOM 818
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/29/2009
Trans1 Recv Date: 06/29/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/29/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004181392
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 001083655GBF
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: H111
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19121 (Continued)

1014395959

Quantity: 7000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYP004181392
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: STEVEN MARTIS
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001083655GBF
EPA ID: NYP004181392
Date Shipped: 06/29/2009
TSD 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: 06/29/2009
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19121 (Continued)

1014395959

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 06/29/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 700 P

AC375
ENE
1/8-1/4
0.231 mi.
1219 ft.

CON EDISON SERVICE BOX: 39229
3034 LEXINGTON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR **1016450772**
NY MANIFEST **NYP004297990**

Site 29 of 29 in cluster AC

Relative:
Higher

RCRA NonGen / NLR:

Actual:
24 ft.

Date form received by agency: 05/01/2013
Facility name: CON EDISON SERVICE BOX: 39229
Facility address: 3034 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004297990
Contact: ROBERT LINDELOF
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 917-559-3860
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39229 (Continued)

1016450772

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: 04/01/2013
Site name: CON EDISON SERVICE BOX: 39229
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004297990
Facility Status: Not reported
Location Address 1: 3034 LEXINGTON AVE
Code: BP
Location Address 2: SERV BOX 39229
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004297990
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/02/2013
Trans1 Recv Date: 04/02/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/02/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004297990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 39229 (Continued)

1016450772

Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010707624JJJ
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AG376
North
1/8-1/4
0.231 mi.
1222 ft.

CON EDISON
E 116TH ST & 5TH AVE
NEW YORK, NY 10029

Site 5 of 9 in cluster AG

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1012185700
NYP004165338

Relative:
Higher

RCRA NonGen / NLR:

Actual:
25 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: E 116TH ST & 5TH AVE
NEW YORK, NY 10029
EPA ID: NYP004165338
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: HERMAN BAKER
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 718-267-3853

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185700

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: 04/01/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004165338
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: HERMAN BAKER
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001028178JJK
EPA ID: NYP004165338
Date Shipped: 04/01/2009
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185700

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: 04/01/2009
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: 04/01/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 125 G

NY MANIFEST:

Country: USA
EPA ID: NYP004165338
Facility Status: Not reported
Location Address 1: NWC E 116TH
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004165338
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185700

Mailing Address 1: 4 IRVING PL 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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/01/2009
Trans1 Recv Date: 04/01/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/01/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004165338
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001028178JJK
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: H111
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: 125.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185700

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AG377
North
1/8-1/4
0.231 mi.
1222 ft.

CON EDISON SERVICE BOX: 58540
W 116TH ST & 5TH AVE
NEW YORK, NY 10026
Site 6 of 9 in cluster AG

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014395956
NYP004181368

Relative:
Higher

RCRA NonGen / NLR:

Actual:
25 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON SERVICE BOX: 58540
Facility address: W 116TH ST & 5TH AVE
SB 58540
NEW YORK, NY 10026
EPA ID: NYP004181368
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: STEVEN MARTIS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 917-416-5423
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
Used 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: 06/25/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004181368
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 58540 (Continued)

1014395956

Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	STEVEN MARTIS
Comments:	Not reported
SIC Code:	Not reported
County:	NY061
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSD Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	001083747GBF
EPA ID:	NYP004181368
Date Shipped:	06/30/2009
TSD 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:	06/30/2009
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 TSD Received Waste:	06/30/2009
TSD 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:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 58540 (Continued)

1014395956

Waste Code: D008
Hand Code: H111
Quantity: 200 P

NY MANIFEST:

Country: USA
EPA ID: NYP004181368
Facility Status: Not reported
Location Address 1: 1439 5TH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004181368
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: ROOM 818
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 06/30/2009
Trans1 Recv Date: 06/30/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/30/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004181368
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001083747GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 58540 (Continued)

1014395956

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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AG378
North
1/8-1/4
0.231 mi.
1222 ft.

CON EDISON
W 116TH ST & 5TH AVE
NEW YORK, NY 10029
Site 7 of 9 in cluster AG

RCRA NonGen / NLR **1014396561**
FINDS **NYP004188736**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: W 116TH ST & 5TH AVE
NEW YORK, NY 10029
EPA ID: NYP004188736
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: DENNIS MICHAELIDES
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 718-204-4297
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014396561

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: 07/29/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110039576250

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.

AM379
NE
1/8-1/4
0.232 mi.
1226 ft.
123 E. 116TH STREET
123 EAST 116TH STREET
NEW YORK, NY 10029
Site 9 of 14 in cluster AM

NY AST A100291363
N/A

Relative:
Higher

Actual:
26 ft.

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-273104
Program Type: PBS
UTM X: 589251.12554
UTM Y: 4516995.78143
Expiration Date: 01/27/2023
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 11603
Affiliation Type: Facility Owner
Company Name: LARK ASSETS INC.
Contact Type: PRESIDENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

123 E. 116TH STREET (Continued)

A100291363

Contact Name: DAVID SOHAYEGH
Address1: 145 E. HOUSTON ST. #5A
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10002
Country Code: 001
Phone: (212) 353-2657
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-11-07

Site Id: 11603
Affiliation Type: Mail Contact
Company Name: LARK ASSETS, INC.
Contact Type: Not reported
Contact Name: DAVID SOHAYEGH
Address1: 145 EAST HOUSTON STREET
Address2: #5A
City: NEW YORK
State: NY
Zip Code: 10002
Country Code: 001
Phone: (212) 353-2657
EMail: MAURICE@MESAEQUITIES.COM
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-11-07

Site Id: 11603
Affiliation Type: Facility Operator
Company Name: 123 E. 116TH STREET
Contact Type: Not reported
Contact Name: DAVID SOHAYEGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 353-2657
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 11603
Affiliation Type: Emergency Contact
Company Name: LARK ASSETS INC.
Contact Type: Not reported
Contact Name: DAVID SOHAYEGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

123 E. 116TH STREET (Continued)

A100291363

Country Code: 001
Phone: (212) 353-2657
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 8930
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 4000
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)

**AM380
NE
1/8-1/4
0.232 mi.
1226 ft.**

**APARTMENT BUILDING
123 E. 116TH STREET
MANHATTAN, NY
Site 10 of 14 in cluster AM**

**NY LTANKS S106124525
N/A**

**Relative:
Higher
Actual:
26 ft.**

LTANKS:
Facility ID: 0310572
Site ID: 124172
Closed Date: 2004-03-05
Spill Number: 0310572
Spill Date: 2003-12-12
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S106124525

Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2003-12-12
CID: 404
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-12-12
Spill Record Last Update: 2004-03-30
Spiller Name: JOE HAI--MGR
Spiller Company: BUILDING
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: VEGA IN APT. B
Spiller Phone: (212) 427-0228
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 107587
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 12/12/2003 Management company telephone 917-709-4887 Sangesland spoke with Vega in apt B. He said he came to visit his grandmother and the apartment building was filled with a heavy oil smell. Vega called NYFD. Mike Mulqueen was at the site(Sangesland did NOT speak with Mike) Mulqueen reported the spill and estimated 30 gallons. According to Vega, NYFD and City DEP were both on site and gave the management company several written orders to clean & repair the spill. Sangesland called the management company and left a message. No response yet. Unknown who is doing the cleanup. No contact made yet with either owner or management company. 12/15/03 Tipple responded to the scene, rang all bells and was buzzed in, located boiler and tank area, found the spill, no one was to be found. It was not apparent if the spill was caused by a slow drip or asingle event. Tipple then Called Management company, Owner as per PBS registration and Tenant in apt.B , got no response. Spoke with Mulqueen, FDNY had put speedy dry and biosolve to absorb the oil and reduce the vapors. FDNY stated that a cleanup company should be in route Tipple sent letter to repair/ test/tank and clean spill. 12/15/03 Ray from Petroleum Tank Cleaners will PROBABLY do the cleanup. He will look at the site and get a signed contract. 3/5/2004 Sangesland spoke to Ray at PTC. PTC records show 4 drums & a van for 4 hours. Spill Complete Closed"

Remarks: "caller states that the tank looks like it is leaknig. it is an above ground 1000 gallon tank in the basement that has been leaking for about a week."

All Materials:
Site ID: 124172
Operable Unit ID: 878231
Operable Unit: 01
Material ID: 499424
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S106124525

Quantity: 30.00
Units: G
Recovered: .00
Oxygenate: Not reported

AF381
SSE
1/8-1/4
0.232 mi.
1227 ft.

CON EDISON SERVICE BOX: 45601
1974 3RD AVE
NEW YORK, NY 10029

RCRA NonGen / NLR **1016450389**
NY MANIFEST **NYP004294138**

Site 4 of 9 in cluster AF

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 04/18/2013
Facility name: CON EDISON SERVICE BOX: 45601
Facility address: 1974 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004294138
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 03/18/2013
Site name: CON EDISON SERVICE BOX: 45601
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004294138
Facility Status: Not reported
Location Address 1: 1974 THIRD AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45601 (Continued)

1016450389

Code: BP
Location Address 2: SERVICE BOX #45601
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004294138
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/18/2013
Trans1 Recv Date: 03/18/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/20/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004294138
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010708123JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45601 (Continued)

1016450389

Quantity: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AM382
ENE
1/8-1/4
0.234 mi.
1234 ft.**

**CON EDISON MANHOLE 39181
E 116TH ST & LEXINGTON AVE
NEW YORK, NY 10029**

**RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST**

**1014918571
NYP004221875**

Site 11 of 14 in cluster AM

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
24 ft.**

Date form received by agency: 01/13/2011
Facility name: CON EDISON MANHOLE 39181
Facility address: E 116TH ST & LEXINGTON AVE
NE COR
NEW YORK, NY 10029
EPA ID: NYP004221875
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39181 (Continued)

1014918571

Used oil transporter: No

Historical Generators:

Date form received by agency: 12/14/2010

Site name: CON EDISON MANHOLE 39181

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004221875
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007655649JJK
EPA ID: NYP004221875
Date Shipped: 12/14/2010
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: 12/14/2010
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: 12/17/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39181 (Continued)

1014918571

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

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 2000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004221875
Facility Status: Not reported
Location Address 1: N/E/C E 116th ST & LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004221875
Mailing Name: CONSOLIDATED EDISON - MH 39181
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/14/2010
Trans1 Recv Date: 12/14/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/17/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 39181 (Continued)

1014918571

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004221875
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007655649JJK
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: H111
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: 2000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AM383
ENE
1/8-1/4
0.234 mi.
1234 ft.

NYCTA - 207 CENTRAL INSTR RM
116TH ST & LEXINGTON AVE
NEW YORK, NY 10029

RCRA-CESQG
NY MANIFEST
NJ MANIFEST

1000134224
NYD982738833

Site 12 of 14 in cluster AM

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: NYCTA - 207 CENTRAL INSTR RM
Facility address: 116TH ST & LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYD982738833
Mailing address: JAY ST RM 809
BROOKLYN, NY 11201
Contact: Not reported
Contact address: JAY ST RM 809

Actual:
24 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 207 CENTRAL INSTR RM (Continued)

1000134224

BROOKLYN, NY 11201
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: NEW YORK CITY TRANSIT AUTH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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: NEW YORK CITY TRANSIT AUTH
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 207 CENTRAL INSTR RM (Continued)

1000134224

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used 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: NYCTA - 207 CENTRAL INSTR RM

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999

Site name: NYCTA - 207 CENTRAL INSTR RM

Classification: Not a generator, verified

Date form received by agency: 06/28/1989

Site name: NYCTA - 207 CENTRAL INSTR RM

Classification: Large Quantity Generator

Waste code: X002

Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYD982738833
Facility Status: Not reported
Location Address 1: 116TH ST & LEXINGTON AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10019
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD982738833
Mailing Name: NYCTA-207 CENTRAL INSTRUMENT RM
Mailing Contact: JAMES H KLAMMER
Mailing Address 1: 370 JAY ST RM 819
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124928044

NY MANIFEST:

Document ID: NJA5244333
Manifest Status: Not reported
seq: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 207 CENTRAL INSTR RM (Continued)

1000134224

Year: 2005
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/16/2005
Trans1 Recv Date: 02/16/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/16/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982738833
Trans1 EPA ID: S5811
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
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: 00059
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 01.00
Waste Code: Not reported
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 207 CENTRAL INSTR RM (Continued)

1000134224

[Click this hyperlink](#) while viewing on your computer to access
10 additional NY_MANIFEST: record(s) in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYD982738833
Mail Address: 370 JAY ST
Mail City/State/Zip: BROOKLYN 11201
Facility Phone: 7183617664
Emergency Phone: Not reported
Contact: R.TOAPHA
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: NJA5209171
EPA ID: NYD982738833
Date Shipped: 08/24/2004
TSD 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: 08/24/2004
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 TSD Received Waste: 08/24/2004
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 207 CENTRAL INSTR RM (Continued)

1000134224

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: 09200422
Was Load Rejected: BROOKLYN 11201
Reason Load Was Rejected: Not reported

Manifest Number: NJA5244333
EPA ID: NYD982738833
Date Shipped: 02/16/2005
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: 02/16/2005
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: 02/16/2005
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: 04270522
Was Load Rejected: BROOKLYN 11201
Reason Load Was Rejected: Not reported

Manifest Number: NJA5212258
EPA ID: NYD982738833
Date Shipped: 01/05/2005
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 207 CENTRAL INSTR RM (Continued)

1000134224

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: 01/05/2005
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: 01/05/2005
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: 03240521
Was Load Rejected: BROOKLYN 11201
Reason Load Was Rejected: Not reported

Manifest Number: NJA5009773
EPA ID: NYD982738833
Date Shipped: 02/19/2004
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: 02/19/2004
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: 02/19/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCTA - 207 CENTRAL INSTR RM (Continued)

1000134224

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: 03290425
Was Load Rejected: BROOKLYN 11201
Reason Load Was Rejected: Not reported

Manifest Number: NJA5077159
EPA ID: NYD982738833
Date Shipped: 06/08/2004
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: 06/08/2004
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: 06/08/2004
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
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: 06290421
Was Load Rejected: BROOKLYN 11201
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

384
East
1/8-1/4
0.234 mi.
1236 ft.

CON EDISON
2070 3RD AVE S OF E 115TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1012185842
NYP004166773

Relative:
Higher

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 2070 3RD AVE S OF E 115TH ST
NEW YORK, NY 10029
EPA ID: NYP004166773
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: 917-440-1809
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: 04/13/2009
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004166773
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: NY061
Municipal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185842

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: 001028277JJK
EPA ID: NYP004166773
Date Shipped: 04/13/2009
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: 04/13/2009
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: 04/14/2009
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 250 P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185842

NY MANIFEST:

Country: USA
EPA ID: NYP004166773
Facility Status: Not reported
Location Address 1: 2070 3rd AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10001
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004166773
Mailing Name: CONSOLIDATED EDSION
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: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/13/2009
Trans1 Recv Date: 04/13/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/14/2009
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004166773
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001028277JJK
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: H111
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185842

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 250.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AP385
North
1/8-1/4
0.234 mi.
1237 ft.

CON EDISON SERVICE BOX 19123
6 WEST 116 STREET
NEW YORK, NY 10026
Site 1 of 5 in cluster AP

RCRA NonGen / NLR **1014918986**
NY MANIFEST **NYP004226058**

Relative:
Higher

Actual:
25 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/06/2012
Facility name: CON EDISON SERVICE BOX 19123
Site name: CON EDISON - SERVICE BOX 19123
Facility address: 6 WEST 116 STREET
EAST OF LENOX AVE
NEW YORK, NY 10026
EPA ID: NYP004226058
Mailing address: IRVING PLACE
NEW YORK, NY 10003
Contact: DENNIS HUACON
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 212-460-2757
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: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE, 15TH FL
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19123 (Continued)

1014918986

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/30/2011
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE, 15TH FL
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: 01/30/2011
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: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 03/01/2011
Site name: CON EDISON SERVICE BOX 19123
Classification: Not a generator, verified

Date form received by agency: 01/30/2011
Site name: CON EDISON SERVICE BOX 19123
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004226058
Facility Status: Not reported
Location Address 1: 6 WEST 116 STREET
Code: BP
Location Address 2: EAST OF LENOX AVE
Total Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19123 (Continued)

1014918986

Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004226058
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
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: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/30/2011
Trans1 Recv Date: 01/30/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/31/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004226058
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007660176JJK
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: H111
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: 4000.0
Units: P - Pounds
Number of Containers: 1.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19123 (Continued)

1014918986

Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AP386
North
1/8-1/4
0.234 mi.
1237 ft.

CON EDISON SERVICE BOX 19123
6 W 116TH ST E OF LENOX AVE
NEW YORK, NY 10026

NJ MANIFEST **S120665848**
N/A

Site 2 of 5 in cluster AP

Relative:
Higher
Actual:
25 ft.

NJ MANIFEST:
EPA Id: NYP004226058
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007660176JJK
EPA ID: NYP004226058
Date Shipped: 1/30/2011
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19123 (Continued)

S120665848

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 4,000.00 Pounds

387
ENE
1/8-1/4
0.234 mi.
1238 ft.

NORTH EAST PARAMEDICAL INDUSTRIES
156 E 116TH ST
NEW YORK, NY 10029

NY MANIFEST 1009232804
N/A

Relative:
Higher

NY MANIFEST:

Country: USA
EPA ID: NYP000896365
Facility Status: Not reported
Location Address 1: 156 E 116TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP000896365
Mailing Name: NORTH EAST PARAMEDICAL INDUSTRIES
Mailing Contact: N/S
Mailing Address 1: 156 E 116TH ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10029

Actual:
22 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTH EAST PARAMEDICAL INDUSTRIES (Continued)

1009232804

Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2123481900

NY MANIFEST:

Document ID: NJA0756754
Manifest Status: K
seq: Not reported
Year: 1990
Trans1 State ID: NJDEPS632
Trans2 State ID: Not reported
Generator Ship Date: 01/22/1990
Trans1 Recv Date: 01/22/1990
Trans2 Recv Date: / /
TSD Site Recv Date: 01/23/1990
Part A Recv Date: 03/26/1990
Part B Recv Date: 02/05/1990
Generator EPA ID: NYP000896365
Trans1 EPA ID: NJD991291584
Trans2 EPA ID: Not reported
TSDF ID 1: NJD980536593
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: 00180
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AG388
North
1/8-1/4
0.236 mi.
1244 ft.
CON EDISON SERVICE BOX: 19124
1 E 116TH ST FRONT OF
NEW YORK, NY 10029
Site 8 of 9 in cluster AG

RCRA NonGen / NLR
NY MANIFEST
1016450964
NYP004299988

Relative:
Higher

RCRA NonGen / NLR:

Actual:
26 ft.

Date form received by agency: 05/08/2013
Facility name: CON EDISON SERVICE BOX: 19124
Facility address: 1 E 116TH ST FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004299988
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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: 04/08/2013
Site name: CON EDISON SERVICE BOX: 19124
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004299988
Facility Status: Not reported
Location Address 1: F/O 1 E 116 ST
Code: BP
Location Address 2: SERVICE BOX # 19124
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19124 (Continued)

1016450964

NY MANIFEST:

EPAID: NYP004299988
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/08/2013
Trans1 Recv Date: 04/08/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/09/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004299988
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708387JJK
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19124 (Continued)

1016450964

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 additional NY_MANIFEST: detail in the EDR Site Report.

AF389
SE
1/8-1/4
0.236 mi.
1248 ft.

CON EDISON SERVICE BOX 45616
1997 3RD AVE & 109TH ST
NEW YORK, NY 10029
Site 5 of 9 in cluster AF

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918220
NYP004218307

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 11/18/2010
Facility name: CON EDISON SERVICE BOX 45616
Facility address: 1997 3RD AVE & 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004218307
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JOSE MONTALVO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1331
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
Used 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: 10/19/2010
Site name: CON EDISON SERVICE BOX 45616
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45616 (Continued)

1014918220

NJ MANIFEST:

EPA Id: NYP004218307
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JOSE MONTALVO
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007656669JJK
EPA ID: NYP004218307
Date Shipped: 10/19/2010
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: 10/19/2010
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: 10/19/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45616 (Continued)

1014918220

Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1000 P

NY MANIFEST:

Country: USA
EPA ID: NYP004218307
Facility Status: Not reported
Location Address 1: 1997 3RD AVE & E 109TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004218307
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: THOMAS TEELING
Mailing Address 1: 4 IRVING PL 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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/19/2010
Trans1 Recv Date: 10/19/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/19/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004218307
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 007656669JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45616 (Continued)

1014918220

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: H111
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AF390
SE
1/8-1/4
0.236 mi.
1248 ft.

CON EDISON SERVICE BOX 45614
1985 3RD AVE & E 109TH ST
NEW YORK, NY 10029
Site 6 of 9 in cluster AF

RCRA NonGen / NLR **1014918187**
NJ MANIFEST **NYP004217976**
NY MANIFEST

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 11/13/2010
Facility name: CON EDISON SERVICE BOX 45614
Facility address: 1985 3RD AVE & E 109TH ST
NEW YORK, NY 10029
EPA ID: NYP004217976
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45614 (Continued)

1014918187

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: 10/14/2010
Site name: CON EDISON SERVICE BOX 45614
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004217976
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007656801JJK
EPA ID: NYP004217976
Date Shipped: 10/14/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45614 (Continued)

1014918187

Date Trans1 Transported Waste: 10/14/2010
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: 10/15/2010
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 500 P

NY MANIFEST:

Country: USA
EPA ID: NYP004217976
Facility Status: Not reported
Location Address 1: 1985 3rd AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004217976
Mailing Name: CONSOLIDATED EDISON - S BOX 45614
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45614 (Continued)

1014918187

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: 2010
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/14/2010
Trans1 Recv Date: 10/14/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/15/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004217976
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007656801JJK
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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AF391
SE
1/8-1/4
0.236 mi.
1248 ft.
CON EDISON SERVICE BOX 45614
1985 3RD AVE & E 109 ST
NEW YORK, NY 10029
Site 7 of 9 in cluster AF

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST
1014919348
NYP004235107

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 06/05/2011
Facility name: CON EDISON SERVICE BOX 45614
Facility address: 1985 3RD AVE & E 109 ST
NEW YORK, NY 10029
EPA ID: NYP004235107
Mailing address: IRVING PLAZA RM 828
NEW YORK, NY 10003
Contact: JOSE MONTALVO
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1331
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: 05/06/2011
Site name: CON EDISON SERVICE BOX 45614
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004235107
Mail Address: IRVING PLAZA RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JOSE MONTALVO
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45614 (Continued)

1014919348

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: 007019212JJK
EPA ID: NYP004235107
Date Shipped: 5/6/2011
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 1,000.00 Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45614 (Continued)

1014919348

NY MANIFEST:

Country: USA
EPA ID: NYP004235107
Facility Status: Not reported
Location Address 1: F/O 1985 3RD AVE N/O E 109TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004235107
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/06/2011
Trans1 Recv Date: 05/06/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/06/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004235107
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007019212JJK
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: H111
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 45614 (Continued)

1014919348

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AF392
SE
1/8-1/4
0.236 mi.
1248 ft.

CON EDISON SERVICE BOX: 45602
1980 3RD AVE
NEW YORK, NY 10029
Site 8 of 9 in cluster AF

RCRA NonGen / NLR **1016450390**
NY MANIFEST **NYP004294146**

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 04/18/2013
Facility name: CON EDISON SERVICE BOX: 45602
Facility address: 1980 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004294146
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used oil refiner: No
Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45602 (Continued)

1016450390

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/18/2013
Site name: CON EDISON SERVICE BOX: 45602
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004294146
Facility Status: Not reported
Location Address 1: 1980 THIRD AVE
Code: BP
Location Address 2: SERVICE BOX # 45602
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004294146
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/18/2013
Trans1 Recv Date: 03/18/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/20/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004294146
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708113JJK
Import Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45602 (Continued)

1016450390

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AI393
NNE
1/8-1/4
0.236 mi.
1248 ft.
MADISON COURT ASSOCIATES LP
75 EAST 116TH STREET
NEW YORK, NY 10029
Site 5 of 7 in cluster AI

NY AST **A100294925**
N/A

Relative:
Higher

Actual:
30 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609150
Program Type: PBS
UTM X: 589073.41836
UTM Y: 4517060.81288
Expiration Date: 07/25/2018
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 30996
Affiliation Type: Facility Owner
Company Name: MADISON COURT ASSOCIATES LP
Contact Type: MANAGING AGENT
Contact Name: JOEL GENDELS
Address1: 542 MAIN STREET STE. 2
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON COURT ASSOCIATES LP (Continued)

A100294925

City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 380-8220
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2004-11-02

Site Id: 30996
Affiliation Type: Mail Contact
Company Name: MADISON COURT ASSOC., LP
Contact Type: Not reported
Contact Name: JOEL GENDELS
Address1: 542 MAIN STREET
Address2: SUITE 2
City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 380-8220
EMail: CVASQUEZ@CORNELLPACE.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-03-05

Site Id: 30996
Affiliation Type: Facility Operator
Company Name: MADISON COURT ASSOCIATES LP
Contact Type: Not reported
Contact Name: RAMON CAPELLAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 418-7065
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-06-04

Site Id: 30996
Affiliation Type: Emergency Contact
Company Name: MADISON COURT ASSOCIATES LP
Contact Type: Not reported
Contact Name: MARY CAMACHO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 380-8255
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON COURT ASSOCIATES LP (Continued)

A100294925

Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-06-04

Tank Info:

Tank Number: 001
Tank Id: 66596
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
J00 - Dispenser - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/15/2002
Capacity Gallons: 3500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 180727
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON COURT ASSOCIATES LP (Continued)

A100294925

Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/15/2002
Capacity Gallons: 1080
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

AI394 **MADISON COURT ASSOC, LP**
NNE **58 EAST 117TH STREET**
1/8-1/4 **NEW YORK, NY 10035**
0.236 mi.
1248 ft. **Site 6 of 7 in cluster AI**

NY AST **A100294924**
N/A

Relative:
Higher
Actual:
30 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609151
Program Type: PBS
UTM X: 589069.07896
UTM Y: 4517147.91487
Expiration Date: 07/25/2018
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 30997
Affiliation Type: Facility Owner
Company Name: MADISON COURT ASSOC, LP
Contact Type: AGENT
Contact Name: JOEL GENDELS
Address1: 542 MAIN ST., 2ND FLOOR
Address2: Not reported
City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 380-8220
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-05-28

Site Id: 30997
Affiliation Type: Facility Operator
Company Name: MADISON COURT ASSOC, LP
Contact Type: Not reported
Contact Name: CATALINO GONZALEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON COURT ASSOC, LP (Continued)

A100294924

Country Code: 001
Phone: (917) 418-7065
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-06-04

Site Id: 30997
Affiliation Type: Emergency Contact
Company Name: MADISON COURT ASSOC, LP
Contact Type: Not reported
Contact Name: MARY CAMACHO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 380-8255
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-06-04

Site Id: 30997
Affiliation Type: Mail Contact
Company Name: MADISON COURT ASSOC, LP
Contact Type: Not reported
Contact Name: JOEL GENDELS
Address1: 542 MAIN STREET
Address2: 2ND FLOOR
City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 380-8220
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-03-05

Tank Info:

Tank Number: 001
Tank Id: 66597
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MADISON COURT ASSOC, LP (Continued)

A100294924

J00 - Dispenser - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/17/2002
Capacity Gallons: 3500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

AE395 **CON EDISON**
ESE **207 E 111 ST**
1/8-1/4 **NEW YORK, NY 10029**
0.237 mi.
1250 ft. **Site 8 of 9 in cluster AE**

NY MANIFEST **S117318567**
N/A

Relative: NY MANIFEST:
Lower Country: USA
EPA ID: NYP004661203
Actual: Facility Status: Not reported
15 ft. Location Address 1: 207 E 111 ST
Code: BP
Location Address 2: SB18394
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported
NY MANIFEST:
EPAID: NYP004661203
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: NJD003812047

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117318567

Trans2 State ID: Not reported
Generator Ship Date: 09/19/2014
Trans1 Recv Date: 09/19/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/19/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004661203
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002609569GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AD396 1652 PARK AVENUE ASSOC. LLC
NE 1648 PARK AVENUE
1/8-1/4 NEW YORK, NY 10035
0.237 mi.
1251 ft. Site 11 of 11 in cluster AD

NY AST A100295376
N/A

Relative: AST:
Higher Region: STATE
Actual: DEC Region: 2
29 ft. Site Status: Active
Facility Id: 2-609983

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1652 PARK AVENUE ASSOC. LLC (Continued)

A100295376

Program Type: PBS
UTM X: 589147.79912
UTM Y: 4517063.59646
Expiration Date: 07/12/2020
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 349091
Affiliation Type: Facility Owner
Company Name: 1652 PARK AVENUE ASSOCIATES L.L.C.
Contact Type: MANAGING AGENT
Contact Name: JOEL GENDELS
Address1: 542 MAIN STREET, 2ND FL
Address2: Not reported
City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 380-8220
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-07-03

Site Id: 349091
Affiliation Type: Mail Contact
Company Name: 1652 PARK AVENUE ASSOCIATES L.L.C.
Contact Type: Not reported
Contact Name: JOEL GENDELS
Address1: 542 MAIN STREET
Address2: STE 2
City: NEW ROCHELLE
State: NY
Zip Code: 10801
Country Code: 001
Phone: (914) 380-8220
EMail: CVASQUEZ@COMELLPACE.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-07-03

Site Id: 349091
Affiliation Type: Facility Operator
Company Name: 1652 PARK AVENUE ASSOC. LLC
Contact Type: Not reported
Contact Name: TOMAS HERRERA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 879-4216
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-07-03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1652 PARK AVENUE ASSOC. LLC (Continued)

A100295376

Site Id: 349091
Affiliation Type: Emergency Contact
Company Name: 1652 PARK AVENUE ASSOCIATES L.L.C.
Contact Type: Not reported
Contact Name: MARY CAMACHO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 380-8255
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2010-05-18

Tank Info:

Tank Number: 001
Tank Id: 207174
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
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
I05 - Overfill - Vent Whistle
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 10/28/2004
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: NTFREEMA
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AF397
SSE
1/8-1/4
0.237 mi.
1254 ft.
CON EDISON SERVICE BOX: 45600
1970 3RD AVE
NEW YORK, NY 10029
Site 9 of 9 in cluster AF

RCRA NonGen / NLR
NY MANIFEST
1016450388
NYP004294120

Relative:
Lower

RCRA NonGen / NLR:

Actual:
15 ft.

Date form received by agency: 04/18/2013
Facility name: CON EDISON SERVICE BOX: 45600
Facility address: 1970 3RD AVE
NEW YORK, NY 10029
EPA ID: NYP004294120
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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: 03/18/2013
Site name: CON EDISON SERVICE BOX: 45600
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004294120
Facility Status: Not reported
Location Address 1: 1970 THIRD AVE
Code: BP
Location Address 2: SERVICE BOX # 45600
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45600 (Continued)

1016450388

NY MANIFEST:

EPAID: NYP004294120
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/18/2013
Trans1 Recv Date: 03/18/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/20/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004294120
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708122JJK
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: 500
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 45600 (Continued)

1016450388

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 additional NY_MANIFEST: detail in the EDR Site Report.

AP398
North
1/8-1/4
0.240 mi.
1265 ft.

CON EDISON SERVICE BOX 19122
10 W 116TH ST
NEW YORK, NY 10026
Site 3 of 5 in cluster AP

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014926735
NYP004245155

Relative:
Higher
Actual:
24 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/06/2012
Facility name: CON EDISON SERVICE BOX 19122
Facility address: 10 W 116TH ST
NEW YORK, NY 10026
EPA ID: NYP004245155
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
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
Used 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: 12/07/2011
Site name: CON EDISON SERVICE BOX 19122
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19122 (Continued)

1014926735

NJ MANIFEST:

EPA Id: NYP004245155
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 006903849JJK
EPA ID: NYP004245155
Date Shipped: 12/7/2011
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19122 (Continued)

1014926735

Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 250.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004245155
Facility Status: Not reported
Location Address 1: W116TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004245155
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FLOOR
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
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: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/07/2011
Trans1 Recv Date: 12/07/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/07/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004245155
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 006903849JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19122 (Continued)

1014926735

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: H111
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: 250.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AP399
North
1/8-1/4
0.240 mi.
1265 ft.

CON EDISON SERVICE BOX 19122
10 W 116TH ST E OF LENOX AVE
NEW YORK, NY 10026
Site 4 of 5 in cluster AP

RCRA NonGen / NLR **1014918989**
NJ MANIFEST **NYP004226082**
NY MANIFEST

Relative:
Higher
Actual:
24 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/01/2011
Facility name: CON EDISON SERVICE BOX 19122
Facility address: 10 W 116TH ST E OF LENOX AVE
NEW YORK, NY 10026
EPA ID: NYP004226082
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19122 (Continued)

1014918989

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: 01/30/2011
Site name: CON EDISON SERVICE BOX 19122
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004226082
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 007660174JJK
EPA ID: NYP004226082
Date Shipped: 1/30/2011
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19122 (Continued)

1014918989

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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 500.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004226082
Facility Status: Not reported
Location Address 1: 10 W116TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004226082
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19122 (Continued)

1014918989

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: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/30/2011
Trans1 Recv Date: 01/30/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/31/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004226082
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007660174JJK
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: H111
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: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AE400
ESE
1/8-1/4
0.240 mi.
1265 ft.
204 EAST 112 LLC
204 EAST 112TH ST
NEW YORK, NY 10029
Site 9 of 9 in cluster AE

NY AST
U003384216
N/A

Relative:
Lower

AST:

Actual:
16 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-085502
Program Type: PBS
UTM X: 589308.84228
UTM Y: 4516582.91876
Expiration Date: 12/16/2021
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 2055
Affiliation Type: Facility Operator
Company Name: 204 EAST 112 LLC
Contact Type: Not reported
Contact Name: MATTHEW
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 613-1700
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-11

Site Id: 2055
Affiliation Type: Emergency Contact
Company Name: 204 EAST 112 LLC
Contact Type: Not reported
Contact Name: MATTHEW
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 204-4396
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-11

Site Id: 2055
Affiliation Type: Facility Owner
Company Name: 204 EAST 112 LLC
Contact Type: MANAGER
Contact Name: YEHUDA RUZOHORSKY
Address1: P.O. BOX 967
Address2: Not reported
City: NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

204 EAST 112 LLC (Continued)

U003384216

State: NY
Zip Code: 10272
Country Code: 001
Phone: (212) 613-1700
EMail: SHIRA@ARCHROCKGROUP.COM
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-11

Site Id: 2055
Affiliation Type: Mail Contact
Company Name: 204 EAST 112 LLC
Contact Type: MANAGER
Contact Name: YEHUDA RUZOHORSKY
Address1: P.O. BOX 967
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10272
Country Code: 001
Phone: (212) 613-1700
EMail: SHIRA@ARCHROCKGROUP.COM
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-12-11

Tank Info:

Tank Number: 001
Tank Id: 3319
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
B05 - Tank External Protection - Jacketed
I05 - Overfill - Vent Whistle
H99 - Tank Leak Detection - Other

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/1990
Capacity Gallons: 3000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

204 EAST 112 LLC (Continued)

U003384216

Modified By: MFLEONAR
Last Modified: 12/11/2017
Material Name: #2 fuel oil (on-site consumption)

AJ401
ENE
1/8-1/4
0.241 mi.
1270 ft.

CON EDISON SERVICE BOX 18985
179 E 115TH ST E OF LEXINGTON AVE
NEW YORK, NY 10035

RCRA NonGen / NLR
NJ MANIFEST
NY MANIFEST

1014918848
NYP004224671

Site 5 of 5 in cluster AJ

Relative:
Higher

RCRA NonGen / NLR:

Actual:
20 ft.

Date form received by agency: 02/18/2011
Facility name: CON EDISON SERVICE BOX 18985
Facility address: 179 E 115TH ST E OF LEXINGTON AVE
NEW YORK, NY 10035
EPA ID: NYP004224671
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: MEGAN KUDLACK
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
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
Used 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: 01/19/2011
Site name: CON EDISON SERVICE BOX 18985
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004224671
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18985 (Continued)

1014918848

Emergency Phone: Not reported
Contact: MEGAN KUDLACK
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 001128777GBF
EPA ID: NYP004224671
Date Shipped: 1/19/2011
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: 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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18985 (Continued)

1014918848

Hand Code: H141
Quantity: 1,600.00 Pounds

NY MANIFEST:

Country: USA
EPA ID: NYP004224671
Facility Status: Not reported
Location Address 1: 174 E 115 ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004224671
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 01/19/2011
Trans1 Recv Date: 01/19/2011
Trans2 Recv Date: 01/20/2011
TSD Site Recv Date: 01/20/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004224671
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 001128777GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 18985 (Continued)

1014918848

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: 1600.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

AN402
NNW
1/8-1/4
0.241 mi.
1270 ft.

CON EDISON SERVICE BOX: 18952
36 W 115TH ST FRONT OF
NEW YORK, NY 10026
Site 2 of 3 in cluster AN

RCRA NonGen / NLR **1016450976**
NY MANIFEST **NYP004300109**

Relative:
Higher

Actual:
22 ft.

RCRA NonGen / NLR:
Date form received by agency: 05/09/2013
Facility name: CON EDISON SERVICE BOX: 18952
Facility address: 36 W 115TH ST FRONT OF
NEW YORK, NY 10026
EPA ID: NYP004300109
Contact: RICARDO CARTY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 646-772-3407
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18952 (Continued)

1016450976

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: 04/09/2013
Site name: CON EDISON SERVICE BOX: 18952
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300109
Facility Status: Not reported
Location Address 1: F/O W 115 ST
Code: BP
Location Address 2: SERVICE BOX # 18952
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300109
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2013
Trans1 Recv Date: 04/09/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/09/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004300109

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18952 (Continued)

1016450976

Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010708380JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AG403 **CHURCH OF THE LORD JESUS CHRIST OF THE APOSTOLIC F**
North **1421 FIFTH AVENUE**
1/8-1/4 **NEW YORK, NY 10035**

NY AST **U004078913**
N/A

0.243 mi.
1281 ft. **Site 9 of 9 in cluster AG**

Relative: AST:
Higher Region: STATE
DEC Region: 2
Actual: Site Status: Active
26 ft. Facility Id: 2-608293
Program Type: PBS
UTM X: 588881.78397
UTM Y: 4517168.64369
Expiration Date: 02/19/2018
Site Type: Religious Building (Church, Synagogue, Mosque, Temple, etc.)
Affiliation Records:
Site Id: 30145

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH OF THE LORD JESUS CHRIST OF THE APOSTOLIC F (Continued)

U004078913

Affiliation Type: Facility Owner
Company Name: TRUSTEES OF THE GENERAL ASSEMBLY OF THE CHURCH OF
Contact Type: DEACON
Contact Name: LEON BLIGEN
Address1: 1421 FIFTH AVE OR PO BOX 1173
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10035
Country Code: 001
Phone: (212) 369-3037
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-03-21

Site Id: 30145
Affiliation Type: Mail Contact
Company Name: CHURCH OF THE LORD JESUS
Contact Type: Not reported
Contact Name: LEON BLIGEN
Address1: CHRIST OF THE APOSTOLIC FAITH
Address2: P.O. BOX 1173
City: NEW YORK
State: NY
Zip Code: 10035
Country Code: 001
Phone: (212) 427-8229
EMail: BLIGENLM@AOL.COM
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-03-21

Site Id: 30145
Affiliation Type: Facility Operator
Company Name: CHURCH OF THE LORD JESUS CHRIST OF THE APOSTOLIC F
Contact Type: Not reported
Contact Name: LEON BLIGEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 369-3037
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2008-03-10

Site Id: 30145
Affiliation Type: Emergency Contact
Company Name: TRUSTEES OF THE GENERAL ASSEMBLY OF THE CHURCH OF
Contact Type: Not reported
Contact Name: JULIUS L. BLIGEN
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH OF THE LORD JESUS CHRIST OF THE APOSTOLIC F (Continued)

U004078913

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 464-6496
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-03-21

Tank Info:

Tank Number: 001
Tank Id: 65000
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G03 - Tank Secondary Containment - Vault (w/o access)
C01 - Pipe Location - Aboveground
B00 - Tank External Protection - None
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
F06 - Pipe External Protection - Wrapped

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1962
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/04/2007
Register: True
Modified By: msbaptis
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

Tank Number: 002
Tank Id: 221902
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH OF THE LORD JESUS CHRIST OF THE APOSTOLIC F (Continued)

U004078913

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
G02 - Tank Secondary Containment - Vault (w/access)
Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/2007
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: DMMOLOUG
Last Modified: 04/14/2017
Material Name: #2 fuel oil (on-site consumption)

AP404 **CON EDISON SERVICE BOX: 19108**
North **1 W 116TH ST**
1/8-1/4 **NEW YORK, NY 10025**
0.244 mi.
1286 ft. **Site 5 of 5 in cluster AP**

RCRA NonGen / NLR **1016968366**
NY MANIFEST **NYP004419776**

Relative:
Higher

RCRA NonGen / NLR:

Actual:
25 ft.

Date form received by agency: 02/15/2014
Facility name: CON EDISON SERVICE BOX: 19108
Facility address: 1 W 116TH ST
NEW YORK, NY 10025
EPA ID: NYP004419776
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19108 (Continued)

1016968366

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: 01/15/2014
Site name: CON EDISON SERVICE BOX: 19108
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004419776
Facility Status: Not reported
Location Address 1: F/O 1 WEST 116TH ST
Code: BP
Location Address 2: SB19108
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10025
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004419776
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 01/15/2014
Trans1 Recv Date: 01/15/2014
Trans2 Recv Date: 01/17/2014
TSD Site Recv Date: 01/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004419776
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002299528GBF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19108 (Continued)

1016968366

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: 50
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AH405
SSW
1/8-1/4
0.245 mi.
1292 ft.

CON EDISON
1444 PARK AVE N OF E 106TH ST
NEW YORK, NY 10029
Site 5 of 5 in cluster AH

RCRA NonGen / NLR **1014399103**
NJ MANIFEST **NYP004214805**
NY MANIFEST

Relative:
Lower

RCRA NonGen / NLR:

Actual:
17 ft.

Date form received by agency: 09/02/2010
Facility name: CON EDISON
Facility address: 1444 PARK AVE N OF E 106TH ST
NEW YORK, NY 10029
EPA ID: NYP004214805
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MEGAN RUSSELL
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-427-1277
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399103

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

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004214805
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MEGAN RUSSELL
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 003533433JJK
EPA ID: NYP004214805
Date Shipped: 09/02/2010
TSD 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: 09/02/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399103

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: 09/02/2010
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: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 500 P

NY MANIFEST:

Country: USA
EPA ID: NYP004214805
Facility Status: Not reported
Location Address 1: 1444 PARK AVE N/O E 106TH ST.
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004214805
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: TOM TEELING
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: 2124603770

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014399103

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	09/02/2010
Trans1 Recv Date:	09/02/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/02/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004214805
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	003533433JJK
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:	H111
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:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AQ406
South
1/8-1/4
0.245 mi.
1296 ft.

CON EDISON
1705 LEXINGTON AVE
NEW YORK, NY 10029

Site 1 of 4 in cluster AQ

NJ MANIFEST **S120672324**
N/A

Relative:
Lower

NJ MANIFEST:

Actual:
16 ft.

EPA Id: NYP004788964
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY061
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 002614210GBF
EPA ID: NYP004788964
Date Shipped: 6/2/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
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 TSD Received Waste: Not reported
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120672324

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

AQ407
South
1/8-1/4
0.245 mi.
1296 ft.

CON EDISON
1705 LEXINGTON AVE
NEW YORK, NY 10029

NY MANIFEST **S119075619**
N/A

Site 2 of 4 in cluster AQ

Relative:
Lower
Actual:
16 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004788964
Facility Status: Not reported
Location Address 1: 1705 LEXINGTON AVE
Code: BP
Location Address 2: SB 39117
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004788964
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/02/2015
Trans1 Recv Date: 06/02/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/03/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004788964
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119075619

Manifest Tracking Number: 002614210GBF
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

AQ408
South
1/8-1/4
0.245 mi.
1296 ft.

CON EDISON
1705 LEXINGTON AVE
NEW YORK, NY 10029

RCRA NonGen / NLR **1019903713**
NYP004788964

Site 3 of 4 in cluster AQ

Relative:
Lower

RCRA NonGen / NLR:

Actual:
16 ft.

Date form received by agency: 06/02/2015
Facility name: CON EDISON
Facility address: 1705 LEXINGTON AVE
NEW YORK, NY 10029
EPA ID: NYP004788964
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019903713

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: 06/02/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

AN409
NNW
1/8-1/4
0.246 mi.
1300 ft.

CON EDISON VAULT: 7824
31 W 115TH ST FRONT OF
NEW YORK, NY 10026

Site 3 of 3 in cluster AN

RCRA NonGen / NLR 1016966279
NY MANIFEST NYP004391314

Relative:
Higher

RCRA NonGen / NLR:

Actual:
22 ft.

Date form received by agency: 12/14/2013
Facility name: CON EDISON VAULT: 7824
Facility address: 31 W 115TH ST FRONT OF
NEW YORK, NY 10026
EPA ID: NYP004391314
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON VAULT: 7824 (Continued)

1016966279

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: 11/14/2013
Site name: CON EDISON VAULT: 7824
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004391314
Facility Status: Not reported
Location Address 1: 31 W 115TH ST
Code: BP
Location Address 2: SB7824
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10026
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004391314
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: 2013
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 11/14/2013
Trans1 Recv Date: 11/14/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004391314
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON VAULT: 7824 (Continued)

1016966279

TSDf ID 1: NJD991291105
TSDf ID 2: Not reported
Manifest Tracking Number: 002236984GBF
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: 1000
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AM410 **CON EDISON SERVICE BOX 19147**
ENE **137 E 116TH ST**
1/8-1/4 **NEW YORK, NY 10029**
0.247 mi.
1305 ft.

RCRA NonGen / NLR **1015746929**
NY MANIFEST **NYP004249296**

Site 13 of 14 in cluster AM

Relative:
Higher

RCRA NonGen / NLR:

Actual:
24 ft.

Date form received by agency: 04/07/2012
Facility name: CON EDISON SERVICE BOX 19147
Facility address: 137 E 116TH ST
NEW YORK, NY 10029
EPA ID: NYP004249296
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
Contact email: Not reported
EPA Region: 02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19147 (Continued)

1015746929

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
Used 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: 03/08/2012
Site name: CON EDISON SERVICE BOX 19147
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004249296
Facility Status: Not reported
Location Address 1: 137 EAST 116TH STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004249296
Mailing Name: CONSOLIDATED EDISON - SERV BOX 19147
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19147 (Continued)

1015746929

Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/08/2012
Trans1 Recv Date: 03/08/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/08/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004249296
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 009204813JJK
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: H111
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: 250.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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 additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM411
ENE
1/8-1/4
0.247 mi.
1305 ft.
CON EDISON SERVICE BOX 19147
137 E 116TH ST
NEW YORK, NY 10029
Site 14 of 14 in cluster AM

NJ MANIFEST
S117985199
N/A

Relative:
Higher

NJ MANIFEST:

Actual:
24 ft.

EPA Id: NYP004249296
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JUAN RODRIGUEZ
Comments: Not reported
SIC Code: Not reported
County: NY061
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: 009204813JJK
EPA ID: NYP004249296
Date Shipped: 3/8/2012
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX 19147 (Continued)

S117985199

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

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: Not reported
Quantity: 250.00 Pounds

AI412 1775-77-79 MADISON AVENUE H.D.F.C.
NNE 1779- MADISON AVENUE SUITE # 101
1/8-1/4 NEW YORK, NY 10035
0.247 mi.
1306 ft. Site 7 of 7 in cluster AI

NY AST **A100183517**
N/A

Relative:
Higher

Actual:
30 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-606952
Program Type: PBS
UTM X: 589047.00022
UTM Y: 4517145.76159
Expiration Date: 09/19/2021
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 28807
Affiliation Type: Facility Owner
Company Name: 1775-77-79-MADISON AVE. H.D.F.C.
Contact Type: PRES
Contact Name: VIRGINIA OTIS
Address1: 1779-MADISON AVE. SUITE # 101
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10035
Country Code: 001
Phone: (212) 831-9606
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2017-11-16

Site Id: 28807
Affiliation Type: Mail Contact
Company Name: 1775-77-79-MADISON AVE. H.D.F.C.
Contact Type: Not reported
Contact Name: VIRGINIA OTIS
Address1: 1779-MADISON AVENUE SUITE # 101
Address2: Not reported
City: NEW YORK
State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1775-77-79 MADISON AVENUE H.D.F.C. (Continued)

A100183517

Zip Code: 10035
Country Code: 001
Phone: (212) 831-9606
EMail: 1779MADISONAVENUE@GMAIL.COM
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2017-11-16

Site Id: 28807
Affiliation Type: Facility Operator
Company Name: 1775-77-79 MADISON AVENUE H.D.F.C.
Contact Type: Not reported
Contact Name: BEN PADILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 831-9606
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2017-11-16

Site Id: 28807
Affiliation Type: Emergency Contact
Company Name: 1775-77-79-MADISON AVE. H.D.F.C.
Contact Type: Not reported
Contact Name: BEN PADILLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (203) 715-3840
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2017-11-16

Tank Info:

Tank Number: 001
Tank Id: 62097
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1775-77-79 MADISON AVENUE H.D.F.C. (Continued)

A100183517

I02 - Overfill - High Level Alarm
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/10/1949
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 08/01/2005
Register: True
Modified By: MRBARROW
Last Modified: 11/16/2017
Material Name: #2 fuel oil (on-site consumption)

AQ413
South
1/8-1/4
0.248 mi.
1307 ft.
SPILL NUMBER 0110617
1702 LEXINGTON AVE
MANHATTAN, NY
Site 4 of 4 in cluster AQ

NY LTANKS **S105995101**
N/A

Relative: LTANKS:
Lower Facility ID: 0110617
Site ID: 329679
Actual: Closed Date: 2002-02-06
16 ft. Spill Number: 0110617
Spill Date: 2002-02-06
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2002-02-06
CID: 198
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: 2002-02-06
Spill Record Last Update: 2002-02-06
Spiller Name: DANIEL SILVESTRO
Spiller Company: ATLAS FUEL OIL
Spiller Address: 1110 BRONX RIVER AVE
Spiller County: 001
Spiller Contact: DANIEL SILVESTRO
Spiller Phone: (718) 893-4400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0110617 (Continued)

S105995101

Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 265240
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 2/6/2002 Minor spill - Sangesland spoke with Super Ujdari 212-369-4679 - He said that Atlas completed the clean-up. Area looks fine. Spill Closed"
Remarks: "callers driver delivering 300 gallons of product by customer request - tank only took 296 gallons and caused overflow fill - no whistle on 550 gallon capacity tank - clean up in progress at this time."

All Materials:
Site ID: 329679
Operable Unit ID: 849085
Operable Unit: 01
Material ID: 528238
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 3.00
Units: G
Recovered: .00
Oxygenate: Not reported

**AL414
SE
1/8-1/4
0.249 mi.
1316 ft.**

**CON EDISON
214 E 111TH ST
NEW YORK, NY 10029
Site 4 of 6 in cluster AL**

**NY MANIFEST S117058696
N/A**

**Relative:
Lower**

**Actual:
14 ft.**

NY MANIFEST:
Country: USA
EPA ID: NYP004508309
Facility Status: Not reported
Location Address 1: 214 E 111TH ST
Code: BP
Location Address 2: SB 18401
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004508309
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: 2124603770

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AL415
SE
1/8-1/4
0.249 mi.
1316 ft.

CON EDISON SERVICE BOX: 18401
214 E 111TH ST FRONT OF
NEW YORK, NY 10029

RCRA NonGen / NLR

1017773055
NYP004508339

Relative:
Lower

RCRA NonGen / NLR:

Actual:
14 ft.

Date form received by agency: 05/22/2014
Facility name: CON EDISON SERVICE BOX: 18401
Facility address: 214 E 111TH ST FRONT OF
NEW YORK, NY 10029
EPA ID: NYP004508339
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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: 04/22/2014
Site name: CON EDISON
Classification: Small Quantity Generator

Date form received by agency: 04/22/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AL416
SE
1/8-1/4
0.249 mi.
1316 ft.
CON EDISON
214 E 111TH ST FRONT OF
NEW YORK, NY 10029
Site 6 of 6 in cluster AL

NY MANIFEST **S117058699**
N/A

Relative:
Lower

NY MANIFEST:

Actual:
14 ft.

Country: USA
EPA ID: NYP004508339
Facility Status: Not reported
Location Address 1: 214 E 111 ST
Code: BP
Location Address 2: SB18401
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10029
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004508339
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH ST
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/22/2014
Trans1 Recv Date: 04/22/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/23/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004508339
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002407398GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117058699

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

417
South
1/8-1/4
0.249 mi.
1317 ft.

105 E 106 ST
105 EAST 106TH STREET
NEW YORK, NY 10029

NY UST U003178597
NY AST N/A

Relative:
Lower
Actual:
17 ft.

UST:
Id/Status: 2-603058 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 06/23/2022
UTM X: 588823.70372
UTM Y: 4516305.95937
Site Type: Other

Affiliation Records:
Site Id: 25012
Affiliation Type: Facility Owner
Company Name: WMC ASSOCIATES LLC
Contact Type: BUILDING MANAGER
Contact Name: RAYMOND KAISER
Address1: 1129 NORTHERN BLVD
Address2: Not reported
City: MANHASSET
State: NY
Zip Code: 11030
Country Code: 001
Phone: (516) 365-1400
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

105 E 106 ST (Continued)

U003178597

Date Last Modified: 2017-06-21

Site Id: 25012
Affiliation Type: Mail Contact
Company Name: WMC ASSOCIATES LLC
Contact Type: Not reported
Contact Name: RAYMOND KAISER
Address1: 105 EAST 106TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029
Country Code: 001
Phone: (212) 876-9401
EMail: RAYMONDKAISER@VERIZON.NET
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-21

Site Id: 25012
Affiliation Type: Facility Operator
Company Name: WMDC ASSOCIATES LLC
Contact Type: Not reported
Contact Name: RAYMOND KAISER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 876-9401
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 25012
Affiliation Type: Emergency Contact
Company Name: WMC ASSOCIATES LLC
Contact Type: Not reported
Contact Name: WMC ASSOC. LLC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 876-9401
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-21

Tank Info:

Tank Number: 1
Tank ID: 52830

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

105 E 106 ST (Continued)

U003178597

Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 10000
Install Date: 12/01/1971
Date Tank Closed: 09/03/2014
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: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MFLEONAR
Last Modified: 06/21/2017

Equipment Records:

B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E09 - Piping Secondary Containment - Modified Double-Walled
(Aboveground)
I05 - Overfill - Vent Whistle
F07 - Pipe External Protection - Retrofitted Sacrificial Anode
A99 - Tank Internal Protection - Other
H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-603058
Program Type: PBS
UTM X: 588823.70372
UTM Y: 4516305.95937
Expiration Date: 06/23/2022
Site Type: Other

Affiliation Records:

Site Id: 25012
Affiliation Type: Facility Owner
Company Name: WMC ASSOCIATES LLC
Contact Type: BUILDING MANAGER
Contact Name: RAYMOND KAISER
Address1: 1129 NORTHERN BLVD
Address2: Not reported
City: MANHASSET
State: NY
Zip Code: 11030
Country Code: 001
Phone: (516) 365-1400

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

105 E 106 ST (Continued)

U003178597

EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-21
Site Id:	25012
Affiliation Type:	Mail Contact
Company Name:	WMC ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	RAYMOND KAISER
Address1:	105 EAST 106TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10029
Country Code:	001
Phone:	(212) 876-9401
EMail:	RAYMONDKAISER@VERIZON.NET
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-21
Site Id:	25012
Affiliation Type:	Facility Operator
Company Name:	WMDC ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	RAYMOND KAISER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 876-9401
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	25012
Affiliation Type:	Emergency Contact
Company Name:	WMC ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	WMC ASSOC. LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 876-9401
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-21

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

105 E 106 ST (Continued)

U003178597

Tank Info:

Tank Number: 2
Tank Id: 245750
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
F07 - Pipe External Protection - Retrofitted Sacrificial Anode
I05 - Overfill - Vent Whistle
G02 - Tank Secondary Containment - Vault (w/access)
G10 - Tank Secondary Containment - Impervious Underlayment
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/01/2012
Capacity Gallons: 6000
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MFLEONAR
Last Modified: 06/21/2017
Material Name: #4 fuel oil (on-site consumption)

AR418 **CON EDISON SERVICE BOX: 19298**
NE **110 E 117TH ST**
1/8-1/4 **NEW YORK, NY 10035**
0.250 mi.
1319 ft. **Site 1 of 3 in cluster AR**

RCRA NonGen / NLR **1016677462**
FINDS **NYP004310819**
ECHO
NY MANIFEST

Relative:
Higher

RCRA NonGen / NLR:

Actual:
29 ft.

Date form received by agency: 06/10/2013
Facility name: CON EDISON SERVICE BOX: 19298
Facility address: 110 E 117TH ST
NEW YORK, NY 10035
EPA ID: NYP004310819
Mailing address: VING PL, RM 828
NEW YORK, NY 10003
Contact: JUAN RODRIGUEZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 347-865-5931
Contact email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19298 (Continued)

1016677462

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
Used 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: 05/10/2013
Site name: CON EDISON SERVICE BOX: 19298
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110058874963

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: 1016677462
Registry ID: 110058874963
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110058874963>

NY MANIFEST:

Country: USA
EPA ID: NYP004310819
Facility Status: Not reported
Location Address 1: 110 E 117 ST
Code: BP
Location Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19298 (Continued)

1016677462

Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004310819
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/10/2013
Trans1 Recv Date: 05/10/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/10/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004310819
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 010917574JJK
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: 500
Units: P - Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19298 (Continued)

1016677462

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 additional NY_MANIFEST: detail in the EDR Site Report.

AR419
NE
1/8-1/4
0.250 mi.
1319 ft.

CON EDISON SERVICE BOX: 19297
104 E 117TH ST
NEW YORK, NY 10035

RCRA NonGen / NLR 1016973673
NY MANIFEST NYP004474789

Site 2 of 3 in cluster AR

Relative:
Higher

RCRA NonGen / NLR:

Actual:
29 ft.

Date form received by agency: 04/21/2014
Facility name: CON EDISON SERVICE BOX: 19297
Facility address: 104 E 117TH ST
NEW YORK, NY 10035
EPA ID: NYP004474789
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19297 (Continued)

1016973673

Historical Generators:

Date form received by agency: 03/21/2014
Site name: CON EDISON SERVICE BOX: 19297
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004474789
Facility Status: Not reported
Location Address 1: F/O 104 E 117TH ST
Code: BP
Location Address 2: SERVICE BOX # 19297
Total Tanks: Not reported
Location City: MANHATTAN
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004474789
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: 2124603770

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: 03/21/2014
Trans1 Recv Date: 03/21/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/21/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004474789
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 011694135JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19297 (Continued)

1016973673

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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AR420
NE
1/8-1/4
0.250 mi.
1319 ft.

CON EDISON SERVICE BOX: 19297
104 E 117TH ST
NEW YORK, NY 10035
Site 3 of 3 in cluster AR

RCRA NonGen / NLR 1016969183
NY MANIFEST NYP004428348

Relative:
Higher

Actual:
29 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/28/2014
Facility name: CON EDISON SERVICE BOX: 19297
Facility address: 104 E 117TH ST
NEW YORK, NY 10035
EPA ID: NYP004428348
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Contact country: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19297 (Continued)

1016969183

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: 01/28/2014
Site name: CON EDISON SERVICE BOX: 19297
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004428348
Facility Status: Not reported
Location Address 1: F/O 104 EAST 117TH ST
Code: BP
Location Address 2: SB19297
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004428348
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
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: 01/28/2014
Trans1 Recv Date: 01/28/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/29/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 19297 (Continued)

1016969183

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004428348
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 011692917JJJ
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AO421
WNW
1/8-1/4
0.250 mi.
1320 ft.

CON EDISON SERVICE BOX: 18194
45 W 110TH ST
NEW YORK, NY 10035

RCRA NonGen / NLR 1016451026
NY MANIFEST NYP004300612

Site 2 of 4 in cluster AO

Relative:
Higher

RCRA NonGen / NLR:

Actual:
21 ft.

Date form received by agency: 05/11/2013
Facility name: CON EDISON SERVICE BOX: 18194
Facility address: 45 W 110TH ST
NEW YORK, NY 10035
EPA ID: NYP004300612
Contact: BENJAMIN BAMONTE
Contact address: Not reported
Not reported
Contact country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18194 (Continued)

1016451026

Contact telephone: 212-894-9549
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: 04/11/2013
Site name: CON EDISON SERVICE BOX: 18194
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004300612
Facility Status: Not reported
Location Address 1: F/O 45 W 110 ST
Code: BP
Location Address 2: SERVICE BOX # 18194
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10035
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004300612
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: 2124603770

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 18194 (Continued)

1016451026

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	04/10/2013
Trans1 Recv Date:	04/10/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/12/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004300612
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	010707745JJK
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:	500
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AO422 45 W. 110TH STREET
WNW 45 W. 110TH STREET
1/8-1/4 NY, NY 10026
0.250 mi.
1320 ft. Site 3 of 4 in cluster AO

NY AST U003395764
N/A

Relative:
Higher
Actual:
21 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Inactive
Facility Id: 2-600844
Program Type: PBS
UTM X: 588540.80813
UTM Y: 4516832.03288
Expiration Date: N/A
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 22816
Affiliation Type: Facility Owner
Company Name: GLM 45 W. 110 ASSOC. LP
Contact Type: Not reported
Contact Name: Not reported
Address1: 1001 N. HIGHLAND STREET
Address2: Not reported
City: ARLINGTON
State: VA
Zip Code: 22201
Country Code: 001
Phone: (703) 522-8200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 22816
Affiliation Type: Mail Contact
Company Name: MARK GREENBERG REAL ESTATE CO., INC.
Contact Type: Not reported
Contact Name: THOMAS SHOU
Address1: 8 HAVEN AVE.- SUITE 208
Address2: Not reported
City: PORT WASHINGTON
State: NY
Zip Code: 11050
Country Code: 001
Phone: (516) 844-5000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 22816
Affiliation Type: Facility Operator
Company Name: 45 W. 110TH STREET
Contact Type: Not reported
Contact Name: REGGIE OWENS
Address1: Not reported
Address2: Not reported
City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

45 W. 110TH STREET (Continued)

U003395764

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 348-2804
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 22816
Affiliation Type: Emergency Contact
Company Name: GLM 45 W. 110 ASSOC. LP
Contact Type: Not reported
Contact Name: MARK GREENBERG RE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 844-5000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1
Tank Id: 44027
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - 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: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/08/2003
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

45 W. 110TH STREET (Continued)

U003395764

Material Name: #6 fuel oil (on-site consumption)

AO423
WNW
1/8-1/4
0.250 mi.
1320 ft.

45-53 W 110TH ST HDFC
45 WEST 110TH ST.
NEW YORK, NY 10026

Site 4 of 4 in cluster AO

NY AST **A100416449**
N/A

Relative:
Higher

Actual:
21 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-321214
Program Type: PBS
UTM X: 588540.80813
UTM Y: 4516832.03288
Expiration Date: 06/14/2021
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 14917
Affiliation Type: Mail Contact
Company Name: VERITAS PROPERTY MANAGEMENT, LLC
Contact Type: Not reported
Contact Name: CHRIS AULL
Address1: 1995 BROADWAY-SUITE 1201
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10023
Country Code: 001
Phone: (212) 799-2365
EMail: CHRIS@VERITASMANAGEMENT.COM
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-05-24

Site Id: 14917
Affiliation Type: Facility Operator
Company Name: 45-53 W 110TH ST HDFC
Contact Type: Not reported
Contact Name: LUIS VAZQUEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 376-2166
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-05-24

Site Id: 14917
Affiliation Type: Emergency Contact
Company Name: 45-53 W 11TH ST HDFC, C/O VERITAS PROPERTY MGT LLC
Contact Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

45-53 W 110TH ST HDFC (Continued)

A100416449

Contact Name: VERITAS PROPERTY MANAGEMENT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 799-2365
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-05-24

Site Id: 14917
Affiliation Type: Facility Owner
Company Name: 45-53 W 11TH ST HDFC, C/O VERITAS PROPERTY MGT LLC
Contact Type: PROPERTY MANAGER
Contact Name: CHRIS AULL
Address1: 1995 BROADWAY-SUITE 1201
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10023
Country Code: 001
Phone: (212) 799-2365
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2016-05-24

Tank Info:

Tank Number: 001
Tank Id: 18403
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
3
Tank Location: Steel/Carbon Steel/Iron
Tank Type: In Service
Tank Status: Not reported
Pipe Model: 01/01/1903
Install Date: 5000
Capacity Gallons: NN
Tightness Test Method: Not reported
Date Test:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

45-53 W 110TH ST HDFC (Continued)

A100416449

Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MRBARROW
Last Modified: 04/14/2017
Material Name: #6 fuel oil (on-site consumption)

**424
SW
1/4-1/2
0.264 mi.
1396 ft.**

**CARDNIAL COOK HEALTH CTR
26 EAST 106TH ST
MANHATTAN, NY**

**NY LTANKS S102662684
N/A**

**Relative:
Higher
Actual:
20 ft.**

LTANKS:

Facility ID: 9608923
Site ID: 220073
Closed Date: 1996-10-18
Spill Number: 9608923
Spill Date: 1996-10-18
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 1996-10-18
CID: 270
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1996-10-18
Spill Record Last Update: 1996-11-20
Spiller Name: Not reported
Spiller Company: CARDNIAL COOK HEALTH CTR
Spiller Address: 26 EAST 106TH ST
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: (212) 360-3876
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 182025
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
KRIMGOLD CLEANED UP BY SPILLER - 9:25 am - CALLED CASTLE OIL - SPOKE
TO MR. CAREY, CAME OUT OF VENT ONTO SIDEWALK - DRIVER PUT DOWN
SORBENT - CASTLE OIL COMPLETED CLEAN UP."
Remarks: "OVERFILL DUE TO BAD GUAGE"

All Materials:

Site ID: 220073
Operable Unit ID: 1040125
Operable Unit: 01
Material ID: 344656
Material Code: 0003A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARDNIAL COOK HEALTH CTR (Continued)

S102662684

Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 8.00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9213678
Site ID: 199315
Closed Date: 1993-03-12
Spill Number: 9213678
Spill Date: 1993-03-12
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: 1993-03-12
SWIS: 3101
Investigator: CAMMISA
Referred To: Not reported
Reported to Dept: 1993-03-12
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-03-12
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: CASTLE OIL 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: 165889
DEC Memo: ""
Remarks: "OIL OUT VENT TO SIDEWALK. DRIVER APPLIED SPEEDI-DRI & SPILL TEAM ENROUTE TO COMPLETE CLEAN-UP."

All Materials:
Site ID: 199315
Operable Unit ID: 977772
Operable Unit: 01
Material ID: 403445
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AS425
ESE
1/4-1/2
0.279 mi.
1471 ft.
CONVENT
226 EAST 113TH STREET
NEW YORK, NY
Site 1 of 2 in cluster AS

NY LTANKS
S109064368
N/A

Relative:
Lower

Actual:
16 ft.

LTANKS:

Facility ID: 0802029
Site ID: 398096
Closed Date: Not reported
Spill Number: 0802029
Spill Date: 2008-05-21
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: VXBREVDO
Referred To: Not reported
Reported to Dept: 2008-05-21
CID: 404
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: Not reported
Remediation Phase: 1
Date Entered In Computer: 2008-05-21
Spill Record Last Update: 2013-07-16
Spiller Name: MARLON JOSEPH
Spiller Company: CONVENT
Spiller Address: 226 EAST 113TH STREET
Spiller County: 001
Spiller Contact: MARLON JOSEPH
Spiller Phone: (718) 624-4842
Spiller Extention: 112
DEC Region: 2
DER Facility ID: 347469
DEC Memo: "PBS #2-209260 TTF letter sent to: Our Lady Queen of Angels Church
Attn: Fr. Gerard Mulvey 232 East 113rd Street New York, NY 10029
6/11/08 letter returned by USPS and marked Moved . bf 07/16/13 -
Spill Case is transferred from Brian Falvey (PBS Unit) to V. Brevdo
(Section B) as per DER Region 2 decision - Tank Test Failure Spill
Case. VB"

Remarks: "dry portion leak"

All TTF:

Facility ID: 0802029
Spill Number: 0802029
Spill Tank Test: 2486163
Site ID: 398096
Tank Number: 1
Tank Size: 1080
Material: 0001
EPA UST: Not reported
UST: True
Cause: 99
Source: 99
Test Method: 03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONVENT (Continued)

S109064368

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: 398096
Operable Unit ID: 1155002
Operable Unit: 01
Material ID: 2145843
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

426
NNW
1/4-1/2
0.285 mi.
1505 ft.

23 WEST 116TH STREET
23 WEST 116TH STREET
NEW YORK CITY, NY

NY VCP S118943174
N/A

Relative:
Higher

Actual:
23 ft.

VCP NYC:

Project ID: 12CBCP033M & 12CBCP034M
Project Name: 23 WEST 116TH STREET
Project Address: 23 WEST 116TH STREET
Borough: MANHATTAN

VCP NYC:

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2012-01-12.RIR
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2012-01-12.12CBCP033M_34M.23_West_116th_Street.RIR.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2012-01-12.FactSheet-1
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2012-01-12.12CBCP033M_34M.23_West_116th_Street.FactSheet1.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2012-02-13.RAWP_Final
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2012-02-13.12CBCP033M_34M.23_West_116th_Street.RAWP_Final.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2012-02-10.Stipulation_List
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2012-02-10.12CBCP033M_34M.23_West_116th_Street.StipList.pdf

Project ID: 12CBCP033M & 12CBCP034M

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

23 WEST 116TH STREET (Continued)

S118943174

File Name: 2012-02-14.Decision_Document
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2012-02-14.12CBCP033M_34M.23_West_116th_Street.Decision_Document.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2012-06-20.FactSheet-2
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2012-06-20.12CBCP033M_34M.23_West_116th_Street.FactSheet2.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2012-06-22.Translated_Factsheet-2
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2012-06-22.12CBCP033M_34M.23_West_116th_Street.Translate_d_Factsheet-2.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2012-06-22.Translated_CPS
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2012-06-22.12CBCP033M_34M.23_West_116th_Street.Translate_d_Community_Protection_Statement.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2013-11-21.RAR
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2013-11-21.12CBCP033M_34M.23_West_116th_Street.report.RAR_Final.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2014-07-02.Fact_Sheet-3
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2014-07-02.12CBCP033M_34M.23_West_116th_Street.Completion_Fact_Sheet-3.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2014-07-02.Translated_Factsheet-3
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2014-07-02.12CBCP033M_34M.23_West_116th_Street.Translate_d_Factsheet-3.pdf

Project ID: 12CBCP033M & 12CBCP034M
File Name: 2014-07-02.Notice_of_Completion
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP033_34M/2014-07-02.12CBCP033M_34M.23_West_116th_Street.Notice_of_Completion.pdf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

427
SSE
1/4-1/2
0.290 mi.
1531 ft.

1936 THIRD AVE
1936 THIRD AVE
MANHATTAN, NY

NY LTANKS S102662708
N/A

Relative:
Lower

Actual:
16 ft.

LTANKS:

Facility ID: 9609792
Site ID: 104427
Closed Date: 1996-11-06
Spill Number: 9609792
Spill Date: 1996-11-06
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1996-11-06
CID: 365
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: 1996-11-06
Spill Record Last Update: 1998-01-28
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: 1936 THIRD AV
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 92254
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
MARTINKAT MARK-DID THEY ACTUALLY CALL YOU FOR THIS ONE? IS 2:30AM A
GOOD TIME FOR AN OIL DELIVERY? CLEANED BY RP."

Remarks: "in the process of clean up now"

All Materials:

Site ID: 104427
Operable Unit ID: 1037738
Operable Unit: 01
Material ID: 342004
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 3.00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

428
ENE
1/4-1/2
0.304 mi.
1607 ft.

201 EAST 116TH ST
201 EAST 116TH ST
MANHATTAN, NY

NY LTANKS

S105230371
N/A

Relative:
Higher

Actual:
18 ft.

LTANKS:

Facility ID: 0108081
Site ID: 317668
Closed Date: 2001-11-08
Spill Number: 0108081
Spill Date: 2001-11-08
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: D4
Cleanup Ceased: 2001-11-08
SWIS: 3101
Investigator: MXFRANKS
Referred To: Not reported
Reported to Dept: 2001-11-08
CID: 211
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: 2001-11-08
Spill Record Last Update: 2001-11-08
Spiller Name: JIM CAREY
Spiller Company: CASTLE OIL CORP
Spiller Address: 290 LOCUST AV
Spiller County: 001
Spiller Contact: MARCELINO HERNANDEZ
Spiller Phone: (212) 997-3910
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 256048
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was FRANKS R9 11/08/01: MF T/C/JIM CARY, CASTLE OIL. OVERFILL OF 550 GALLON #2FO TANK IN BASEMENT. PRODUCT CAME OUT OF VENT PIPE TO THE SIDEWALK. JIM CLAIMED ALL CLEANED. T/C MARCELINO HERNANDEZ, SUPERINTENDENT OF THE BUILDING. HE CPALIMED PROCUCT ENTERED BASEMENT THRU SIDE OF PIPING. THE RP DID CLEAN IT UP TO HIS SATISFACTION. APPX 5 GALLONS SPILLED, SMALL SPILL ALL CLEANED. NO FURTHER ACTION NECESSARY."

Remarks: "PRODUCT CAME OUT VENT PIPE - SPILL CLEANED UP"

All Materials:

Site ID: 317668
Operable Unit ID: 846116
Operable Unit: 01
Material ID: 529338
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

201 EAST 116TH ST (Continued)

S105230371

Recovered: 5.00
Oxygenate: Not reported

429
South
1/4-1/2
0.308 mi.
1625 ft.

CHURCH TTF
125 EAST 105TH ST
MANHATTEN, NY

NY LTANKS **S109829729**
N/A

Relative:
Lower
Actual:
17 ft.

LTANKS:

Facility ID: 0905018
Site ID: 417265
Closed Date: 2015-04-21
Spill Number: 0905018
Spill Date: 2009-07-30
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: D4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2009-07-30
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2009-07-30
Spill Record Last Update: 2015-04-21
Spiller Name: HAILEY
Spiller Company: CHURCH
Spiller Address: 125 EAST 105TH ST
Spiller County: 999
Spiller Contact: HAILEY
Spiller Phone: (212) 534-1350
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 366360
DEC Memo: "8/10/2009 TTF letter sent to: Rev. James Gilmour St. Cecilia Rectory
125 East 105th St. New York, NY 10029 08/13/12 - LZ As Randy Austin
requested, the spill has been reassigned to Tim DeMeo 2/12/15 TJD
Spill reassigned from DeMeo to Patel 04/10/15-Hiralkumar Patel.
alternate address: 121-127 E 105th Street PBS #: 2-219185. as per PBS
record, the site has one (1) 3,000 gal #2 oil UST, in-service,
installed in Aug. 1945. PBS expired on 10/23/2012. -----
other spills : 9415435, 1108871 spill # 9415435 was reported on
02/24/1995 due to 10 gal #2 fuel spill. case closed. spill # 1108871
was reported on 10/14/2011 due to 4 gal #2 oil spill from the stick
line. case closed. TTF letters were sent on 08/10/2009 and
12/13/2012. ----- the subject spill was reported as tank
system failed in dry portion. ----- 04/21/15-Hiralkumar Patel. 9:30
PM:- visited site and met Father Peter Mushi. site has one (1) 3,000
gal #2 oil UST, located under a driveway on east side of the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH TTF (Continued)

S109829729

building. the boiler room is located in the southeast corner of the building. Mr. Mushi was not at the site in 2009 and doesn't know anything about tank test failure in 2009. no signs of oil seepage noted into the boiler room through the wall where supply/return lines are located. Mr. Mushi mentioned that the tank was cleaned recently due to water in it from loose stick line cap. informed him about expired PBS registration. RC Chur ST. Cecelia **property owner as per NYC property tax record** St. Cecilia Rectory 125 East 105th Street Manhattan, NY Attn.: Peter Mushi Ph. (212) 534-1350 email: petermushi@gmail.com 9:50 AM:- spoke with PTC. after tank test in 2009, PTC pumped out water from the tank in 2012 and cleaned out tank in 2013. they did not perform any system test after tank clean out. 1:49 PM:- sent email to Mr. Mushi including PBS application. asked him to renew PBS registration immediately. email copied to DEC Leszek. in accordance with R2 TTF closure protocol, this spill is being closed due to no indication of a current release, no information indicating that there may have been a historical release (dry leak reported), and no information that this tank test failure will be an issue in the future."

Remarks:

"tank test failure; above liquid leak; tank had been worked on before; not sealed properly"

All Materials:

Site ID: 417265
Operable Unit ID: 1173486
Operable Unit: 01
Material ID: 2165413
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

AS430
ESE
1/4-1/2
0.309 mi.
1629 ft.
CHURCH
232 EAST 113TH STREET
NEW YORK, NY
Site 2 of 2 in cluster AS

NY LTANKS **U000403050**
N/A

Relative:
Lower
Actual:
14 ft.

LTANKS:

Facility ID: 0601542
Site ID: 363804
Closed Date: 2006-08-11
Spill Number: 0601542
Spill Date: 2006-05-11
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2006-05-11
CID: 444

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH (Continued)

U000403050

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: 2006-05-11
Spill Record Last Update: 2006-08-11
Spiller Name: EVELYN
Spiller Company: CHURCH
Spiller Address: 232 EAST 113TH STREET
Spiller County: 999
Spiller Contact: EVELYN
Spiller Phone: (212) 860-7618
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 313993
DEC Memo: "05/11/06-Hiralkumar Patel. Spoke to Jim at Protest. they found dry leak. no discharge. 5000 gal UST. Spoke to Evelyn at Church. she gave me following address for letter and letter should be sent to Principal. as per Evelyn they are waiting for proposal from Protest for further Joanne Walsh Our Lady Queen of Angels 232 East 113 Street New York, NY 10029 PH. (212) 860-7618 (212) 722-9277 (school) FAX (212) 987-8837 send out TTF to principal of facility. faxed letter to principal. 06/06/06-Hiralkumar Patel. Spoke to Ted at Protest and will call back with more information. received call from Ted. they have received signed contract. will call once they decide dates about further work. 06/12/06-Hiralkumar Patel. received message from Mariam from Protest. spoke to Tom and they will go at site for tank test on next monday or tuesday. 06/16/06-Hiralkumar Patel. Received message from Maria from Protest yesterday. they were planning for further testing today. Spoke with Tom. as Church has some celebration going on today, they will reschedule testing. 07/10/06-Hiralkumar Patel. spoke with Maria. they did test and have result. but they will submit result once get paid. 08/10/06-Hiralkumar Patel. spoke with Maria and she will check and will call back. 08/11/06-Hiralkumar Patel. received call from Maria. during retesting, system passed. they have replaced vent line and vent whistle, stick line and fill box. based on available information, case closed."

Remarks:

All TTF:

Facility ID: 0601542
Spill Number: 0601542
Spill Tank Test: 1549973
Site ID: 363804
Tank Number: 1
Tank Size: 5000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHURCH (Continued)

U000403050

Modified By: Watchdog
Last Modified Date: Not reported

All Materials:

Site ID: 363804
Operable Unit ID: 1121860
Operable Unit: 01
Material ID: 2111342
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

431
SSW
1/4-1/2
0.337 mi.
1779 ft.

CLINTON HOUSES -NYCHA
1405 PARK AVE
NY, NY

NY LTANKS S104276831
N/A

Relative:
Lower
Actual:
17 ft.

LTANKS:

Facility ID: 9608479
Site ID: 66070
Closed Date: Not reported
Spill Number: 9608479
Spill Date: 1996-10-08
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: AAOLIGA
Referred To: Not reported
Reported to Dept: 1996-10-08
CID: 322
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 4
Date Entered In Computer: 1996-10-08
Spill Record Last Update: 2017-07-21
Spiller Name: DAVE FORTE
Spiller Company: NYC HOUSING
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: DAVE FORTE
Spiller Phone: (212) 306-8894
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 63307

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES -NYCHA (Continued)

S104276831

DEC Memo: "12/12/05: This spill transferred from J.Kolleeny to S.Kraszewski.
07/28/06: NYCHA update summary states that one 15K UST installed in 1965 and stored #4/#6 oil was closed-removed-replaced by one 15K UST and currently stores #2 oil. Soil contamination was encountered during excavation. No site assessment is available. NYCHA recommends that a site assessment be performed. - SK 02/08/07 : DEC lead changed from S. Kraszewski to J. Kann. J.Kann 11/19/07: J.Kann - spill 9803213 closed and consolidated with this spill. Site investigation work plan due 10/09. 6/11/09: JKann - Meeting held on 5/28 with ALC Environmental and NYCHA. Investigative Work Plan submitted on June 10, 2009. 6/10/10: J.Kann - note - someone inadvertently edoced reports for spill number 9608497 and placed them with this spill. They are also in the correct location. these are the 1997 reports identified in the edocs. 6/10/10 : J.Kann - comments were sent to NYCHA on the ALC work plan (edoced). REvised plan due July 10. 8/2/10: J.Kann - revised plan submitted on July 27, 2010 and approved in an email dated August 2, 2010. 3/10/11: J.kann - Site Assessment Report submitted on 3/3/11. 6/13/14: J.Kann - briefly reviewed SAR. Product found in MW-1. Emailed NYCHA today to followup on any recovery performed in the well. 06/05/2017: J.Kann - Spill reassigned to Andre Obligado. 7/21/17 - Obligado - I reviewed the 2nd Quarter 2016 report. During the 1st and 2nd Quarters of 2016, up to 2.0 feet of product was encountered in MW1 in March 2016. Recommends continued monitoring and product recovery. "

Remarks: "gross failure "

All TTF:

Facility ID: 9608479
Spill Number: 9608479
Spill Tank Test: 1544798
Site ID: 66070
Tank Number: 1b
Tank Size: 15002
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: 66070
Operable Unit ID: 1036755
Operable Unit: 01
Material ID: 344218
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLINTON HOUSES -NYCHA (Continued)

S104276831

Oxygenate: Not reported

AT432
South
1/4-1/2
0.339 mi.
1792 ft.

169 EAST 105TH ST
169 E.105TH ST
MANHATTAN, NY
Site 1 of 3 in cluster AT

NY LTANKS **S105230173**
N/A

Relative:
Lower

Actual:
17 ft.

LTANKS:

Facility ID: 9516832
Site ID: 105779
Closed Date: 1996-03-30
Spill Number: 9516832
Spill Date: 1996-03-29
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 1996-03-29
CID: 270
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1996-03-29
Spill Record Last Update: 2001-11-02
Spiller Name: LADYAS CRUZ
Spiller Company: 169 EAST 105TH ST
Spiller Address: SAME
Spiller County: 001
Spiller Contact: LADYAS CRUZ
Spiller Phone: (212) 831-0147
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 93294
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
KRIMGOLD SPILL IN THE TANK ROOM - ATLAS FUEL CO DOING THE CLEANUP."

Remarks: "customer ordered 500 gals and it would not all fit"

All Materials:

Site ID: 105779
Operable Unit ID: 1031386
Operable Unit: 01
Material ID: 353343
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: G
Recovered: 15.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

169 EAST 105TH ST (Continued)

S105230173

Oxygenate: Not reported

AT433
South
1/4-1/2
0.344 mi.
1817 ft.

STORE
175 EAST 105TH STREET
NEW YORK, NY 10029

NY LTANKS
NY AST

U003800430
N/A

Site 2 of 3 in cluster AT

Relative:
Higher

Actual:
18 ft.

LTANKS:

Facility ID: 0104427
Site ID: 181247
Closed Date: 2007-03-06
Spill Number: 0104427
Spill Date: 2001-07-25
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jmkrimgo
Referred To: Not reported
Reported to Dept: 2001-07-25
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: 2001-07-25
Spill Record Last Update: 2007-03-06
Spiller Name: CECIL DAVIS
Spiller Company: STORE
Spiller Address: 175 EAST 105TH ST
Spiller County: 001
Spiller Contact: CECIL DAVIS
Spiller Phone: (212) 473-4563
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 28351
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. 7/29/05 - Transferred for closure
review to M Johnson. 6/15/06 Transferred for closure review to T
Knizek. 9/6/06. TTF was send to the new owner (718-767-1599). Attn:
Louis Covati Covati Realty Holding Corp. 38-07 20th Road Astoria, NY
11105-1625 JK. 2/6/07. J.Krimgold reviewed letters and t/test report
submitted by Covati Realty regarding t/test failure event. In July
2001, upon completion of the tank cleaning process the manhole cover
was not sealed properly, thus tank failed the t/test. The manhole was
sealed and tank re-tested and passed in August 2001. NFA. "

Remarks:

"RECOMMEND TO REPAIR THE FILL AND THE VENT LINE."

All TTF:

Facility ID: 0104427
Spill Number: 0104427

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STORE (Continued)

U003800430

Spill Tank Test: 1526485
Site ID: 181247
Tank Number: Not reported
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
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:

Site ID: 181247
Operable Unit ID: 842802
Operable Unit: 01
Material ID: 532919
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-606608
Program Type: PBS
UTM X: 588954.66272
UTM Y: 4516112.26782
Expiration Date: 03/23/2019
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 28467
Affiliation Type: Mail Contact
Company Name: COVATI REALTY HOLDING CORP.
Contact Type: Not reported
Contact Name: LOUIS COVATI
Address1: 150-46 10TH AVENUE
Address2: Not reported
City: WHITESTONE
State: NY
Zip Code: 11357
Country Code: 001
Phone: (718) 767-1599
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STORE (Continued)

U003800430

Modified By: MSBAPTIS
Date Last Modified: 2014-01-31

Site Id: 28467
Affiliation Type: Facility Operator
Company Name: APARTMENT BUILDING
Contact Type: Not reported
Contact Name: LOUIS COVATI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 767-1599
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-07-12

Site Id: 28467
Affiliation Type: Emergency Contact
Company Name: LOUIS COVATI
Contact Type: Not reported
Contact Name: LOUIS COVATI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 731-2338
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-07-12

Site Id: 28467
Affiliation Type: Facility Owner
Company Name: LOUIS COVATI
Contact Type: OWNER
Contact Name: LOUIS COVATI
Address1: 150-46 10TH AVENUE
Address2: Not reported
City: WHITESTONE
State: NY
Zip Code: 11357
Country Code: 001
Phone: (718) 767-1599
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2006-07-12

Tank Info:

Tank Number: 105

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STORE (Continued)

U003800430

Tank Id: 61662
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/15/1988
Capacity Gallons: 2000
Tightness Test Method: 21
Date Test: 07/13/2006
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)

434
North
1/4-1/2
0.344 mi.
1818 ft.

DUNLEVY MILBANK CHLDRNS CENTER
14-32 WEST 118TH STREET
NEW YORK, NY 10026

NY LTANKS
NY UST
U001839340
N/A

Relative:
Higher
Actual:
25 ft.

LTANKS:
Facility ID: 0209842
Site ID: 236688
Closed Date: 2004-06-16
Spill Number: 0209842
Spill Date: 2002-12-27
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: CESAWYER
Referred To: Not reported
Reported to Dept: 2002-12-27
CID: 282
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUNLEVY MILBANK CHLDRNS CENTER (Continued)

U001839340

Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2002-12-27
Spill Record Last Update: 2004-06-16
Spiller Name: GARY
Spiller Company: DUN LEVY MILBANK CHILDREN
Spiller Address: 14-32 WEST 118TH STREET
Spiller County: 001
Spiller Contact: DAVE FAZIN
Spiller Phone: (516) 939-2959
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 194987
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 12/30/2002-Vought-Dave Fazin called and not at work. Called Gary Dawyot at site and left message to call duty desk and that letter was in mail. Tightness test letter sent 12/30/2002. 1/7/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 6/16/04 - Swayer - Tank and system was isolated and repaired no impact to surrounding soil. Gary Dwyot forwarded information. Closed."

Remarks: "TANK FAILED THE TEST. "

All TTF:

Facility ID: 0209842
Spill Number: 0209842
Spill Tank Test: 1527877
Site ID: 236688
Tank Number: 001
Tank Size: 10000
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: 236688
Operable Unit ID: 863070
Operable Unit: 01
Material ID: 513262
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUNLEVY MILBANK CHLDRNS CENTER (Continued)

U001839340

UST:

Id/Status: 2-341487 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 11/16/2012
UTM X: 588905.94726
UTM Y: 4517334.31675
Site Type: School

Affiliation Records:

Site Id: 16533
Affiliation Type: Mail Contact
Company Name: THE CHILDRENS AID SOCIETY
Contact Type: DIRECTOR OF FACILITIEA
Contact Name: GARY DAWYOT
Address1: 105 EAST 22ND STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10010
Country Code: 001
Phone: (212) 949-4800
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2007-11-29

Site Id: 16533
Affiliation Type: Facility Operator
Company Name: DUNLEVY MILBANK CHLDRNS CNTR
Contact Type: Not reported
Contact Name: THE CHILDRENS AID SOCIETY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 369-1223
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 16533
Affiliation Type: Emergency Contact
Company Name: THE CHILDRENS AID SOCIETY
Contact Type: Not reported
Contact Name: GARY DAWYOT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 254-3074

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DUNLEVY MILBANK CHLDRNS CENTER (Continued)

U001839340

EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 16533
Affiliation Type: Facility Owner
Company Name: THE CHILDRENS AID SOCIETY
Contact Type: Not reported
Contact Name: Not reported
Address1: 105 EAST 22ND STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10010
Country Code: 001
Phone: (212) 949-4800
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-01-30

Tank Info:

Tank Number: 001
Tank ID: 31764
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 10000
Install Date: 04/01/1958
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: 11/20/2007
Next Test Date: 10/11/2016
Pipe Model: Not reported
Modified By: bkfalvey
Last Modified: 04/14/2017

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

435
NNW
1/4-1/2
0.346 mi.
1827 ft.

105 LENOX AVE/HARLEM HOSP
105 LENOX AVENUE
NEW YORK CITY, NY

NY LTANKS S100168183
N/A

Relative:
Higher
Actual:
26 ft.

LTANKS:

Facility ID: 9010952
Site ID: 77190
Closed Date: 1991-01-17
Spill Number: 9010952
Spill Date: 1991-01-14
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: 1991-01-17
SWIS: 3101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1991-01-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1991-01-28
Spill Record Last Update: 1991-01-29
Spiller Name: Not reported
Spiller Company: HARLEM HOSPITAL
Spiller Address: 105 LENOX AVENUE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 72054
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

Remarks:

O,DOWD 01/17/91: TANK OVERFILL,ALL IN CONTAINMENT DIKE,NO AFFECT ON SEWERS,NYCDEP WAS ON SCENE TO INVESTIGATE,ABC TANK TO CLEAN UP,DEC CONFIRMED CLEAN UP & DISPOSAL OF CONTAMINATED MATERIAL. "
"20K TANK, ABC TANK CLEANERS CALLED TO PUMP OUT PIT,WHOLE TANK RUPTUREDIN BASEMENT,OIL IN CONTAINMENT PIT,TANK OVERFILL,TANKS-A-LOT TO CLEAN UP SPILL,ENGINEER TURNED OFF WRONG CHECK VALVE."

All Materials:

Site ID: 77190
Operable Unit ID: 951155
Operable Unit: 01
Material ID: 431055
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

436
ENE
1/4-1/2
0.351 mi.
1853 ft.

JACOB'S RESIDENCE
203 EAST 117TH ST
MANHATTAN, NY

NY LTANKS S105996256
N/A

Relative:
Lower

Actual:
17 ft.

LTANKS:

Facility ID: 0203815
Site ID: 223427
Closed Date: 2005-10-21
Spill Number: 0203815
Spill Date: 2002-07-11
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JBTAMBE
Referred To: Not reported
Reported to Dept: 2002-07-11
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: 2002-07-11
Spill Record Last Update: 2006-01-25
Spiller Name: OWNER
Spiller Company: JACOB'S RES
Spiller Address: 203 EAST 117TH ST
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 184734
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
KRIMGOLD notes: 7/12/2002: sent letter to Jacob Cohen requesting to
repair or close the tank. AR 7/19/2002:He called me to clarify the
letter i sent him. I told him to repair the tank or send me a letter
stating what his plan of action was to repair the tank. he said he
would fax it today.AR 8/28/2002: CALLED AND LEFT A MESSAGE TO JACOB
TO CALL ME BACK. HE NEVER DID. AR 9/2/2002: CALLED AGAIN. JACOB FAXED
THE REQUIRED INFORMATION ON 9/3/2002. ON 9/4/2002 CALLED AGAIN TO ASK
IF THE EXCAVATION WAS ON CONCRETE. JACOB COHEN TOLD ME IT WAS. THEY
DUG 15 FEET APPROXIMATELY. GAVE ME THE NAME OF COMPANY DOING REPAIR
WORK: PETROLEUM TANK CLEANERS (7186246934). 11/18/2002: the FACILITY
IS UNDER A CONSENT ORDER FOR NOT TESTING THE TANK. THE TANK WAS LAST
TESTED IN 1987. THE ORDER IS ON FILE. THE TANK WAS LAST TESTED ON
11/15/2002. THE TANK PASSED BUT THE REPORT IS NEEDED TO CLOSE THE
SPILL. 01/26/04 TRANSFERRED FROM ROMMEL TO AUSTIN 02/17/04:
Reassigned from AUSTIN to KRIMGOLD. 10/21/05. J.Krimgold reviewed
documentation submitted by Mr. Jacob Cohen. Based on this, the tank
failed the test due to an uncapped tell-tail pipe. Pipe was
excavated. No contamination was found. NFA letter."

Remarks:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACOB'S RESIDENCE (Continued)

S105996256

All TTF:

Facility ID: 0203815
Spill Number: 0203815
Spill Tank Test: 1527272
Site ID: 223427
Tank Number: 1
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: 223427
Operable Unit ID: 856642
Operable Unit: 01
Material ID: 521626
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AT437
South
1/4-1/2
0.362 mi.
1911 ft.

168 E. 105TH ST
168 E. 105TH ST
MANHATTAN, NY
Site 3 of 3 in cluster AT

NY LTANKS **S102660656**
N/A

Relative:
Higher
Actual:
18 ft.

LTANKS:

Facility ID: 9412897
Site ID: 303185
Closed Date: 1995-01-03
Spill Number: 9412897
Spill Date: 1994-12-27
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: 1995-01-03
SWIS: 3101
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 1994-12-27
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

168 E. 105TH ST (Continued)

S102660656

Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1995-02-06
Spill Record Last Update: 1995-02-21
Spiller Name: Not reported
Spiller Company: C & E ESTATE
Spiller Address: 168 E. 105TH ST
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 244967
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
ZHITOMIRSKY "
Remarks: "1 QUART IS ON THE CONCRETE. IT WAS ALL RECOVERED IN BASEMENT"
All Materials:
Site ID: 303185
Operable Unit ID: 1006516
Operable Unit: 01
Material ID: 567107
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

AU438
SE
1/4-1/2
0.392 mi.
2069 ft.

ST ANN CHURCH
312 EAST 110 STREET
NYC, NY

NY LTANKS **S118638773**
N/A

Site 1 of 2 in cluster AU

Relative:
Lower
Actual:
14 ft.

LTANKS:
Facility ID: 1600506
Site ID: 525778
Closed Date: 2017-04-03
Spill Number: 1600506
Spill Date: 2016-04-14
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2016-04-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST ANN CHURCH (Continued)

S118638773

Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2016-04-14
Spill Record Last Update: 2017-04-03
Spiller Name: BOB HAYMAN
Spiller Company: ST. ANN CHURCH
Spiller Address: 312 EAST 110 STREET
Spiller County: 999
Spiller Contact: BOB HAYMAN
Spiller Phone: 845-348-6355
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 480007
DEC Memo: "4/15/2016: Rashad 312 East 110 Street does not have an alternate address. Additional spill found for site spill#0103194 for a TTF, PTC pumped out cleaned and tested 3000 gallon #2 fuel oil tank, it failed test, A-1 Crown Leak tested tank again it failed on 6/22/01, tank repaired and retested on 7/31/01 and case was closed. PBS 2-606352 found for site there is a 3000 gallon #2 fuel oil spill UST with no access for inspection. Called Bob, he said that church is currently running on gas and had tank tested because they wanted to keep it for the possibility of running dual fuel. The leak is a wet leak and they will be pumping out tank this afternoon. Due to tank being buried and in vault covered by backfill, it will require some work to access area where the tank can be pumped out. Bob will be point of contact, I gave him my phone number and email to give me update. TTF uploaded to TTF mail merge however, I will be sending letter out to Fr. Mario Guarino, St Ann Church, 312 East 110th Street, New York 10029. 4/20/2016: Rashad TTF letter mailed out and uploaded to D2. 5/13/2016: Rashad Bob called he said they eventually got into tank vault and emptied tank. When they were in structure they saw that sidewalk structure is leaning on tank/tank vault so it may prove difficult to remove tank. Bob is weighing options to drill through tank and collect samples and if the tank will be closed in place or closed and removed. He will send me email update. Bob sent email: As discussed, WCD has emptied the tank at the above referenced location. We were able to partially enter the vault that contains the tank. There was no visual evidence of oil and no odors. We are planning to access the vault floor to determine if it has been impacted. The vault has been backfilled mostly with building debris. The owner is going forward with closing the tank. We are starting the permit process. Since there are sidewalk support arches resting on the tank we will likely abandon this tank in place. If you have any questions, please do not hesitate to contact me at 845-348-6366. 7/7/2016: Rashad Sent email to Bob: How is work progressing at this site? Thanks. 12/5/2016: Rashad Emailed Bob seeking update on spill. Bob replied: Since I last contacted you in May there have been some changes. The owner no longer wants to abandon the tank. We attempted to try and start the work at the Thanksgiving Holiday because of it being an active school but were not able to get the DOT permits in place. We are hoping to have the DOT permits for the Christmas break. We have the DOB permits. Do you want me to update our DEC notification sent in on 10/5/2016 ? 1/17/2017 Austin This spill report is being transferred from Rashad Omar to Kumar Patel end.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST ANN CHURCH (Continued)

S118638773

03/28/17-Hiralkumar Patel. 11:11 AM:- received email from Sharima from WCD Group including tank removal report. abstract: - tank is identified as a 3,000 gal tank located in an aboveground vault (registered as underground with no access for inspection) - UST was backfilled with sand and located in basement (under the sidewalk) of the church building - vault measured 76 ft in length, 22 ft in width and 9 inches in height - removed 2,310 gal of residual oil from the tank on 05/12/16 - steel tank had an inner concrete liner - found petroleum impacted backfilled material in the vault - contaminated material from the vault was removed and remaining petroleum impacted floor was power-washed - all walls and floor of the vault was found in relatively good condition with intact concrete, seams and no visible cracks ----- the report is missing site map with tank system location and status of attached piping (removed/closed-in-place?). Roman Catholic Church of St. Ann **property owner as per tax record** 312 East 110th Street New York, NY 10029-3002 12:37 PM:- sent email to Sharima and asked her to submit a scaled site map with tank system location and status of attached piping. email copied to James Wilson (jwilson@wcdgroup.com). 12:54 PM:- sent another email to Sharima and asked her to submit some site pics. email copied to James. 03/31/17-Hiralkumar Patel. 3:41 PM:- received email from Sharima including site map and site pics. site map indicates removal of vent, supply and return lines, but it does not include any information about fill line location (remote fill or direct fill) and status (capped/removed). 04/03/17-Hiralkumar Patel. 1:18 PM:- spoke with Sharima regarding piping locations. she mentioned that the tank was equipped with a direct fill line and all the piping were aboveground, except fill and vent lines crossing sidewalk. all the piping were removed and no signs of contamination were noted. case closed based on available information. 1:37 PM:- sent spill closure letter to property owner. letter emailed to Sharima."

Remarks:

"Failed 3000 gallon tank test"

All Materials:

Site ID:	525778
Operable Unit ID:	1274727
Operable Unit:	01
Material ID:	2279386
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

AU439
SE
1/4-1/2
0.392 mi.
2069 ft.

ST ANNES CHURCH
312 EAST 110TH ST
MANHATTAN, NY
Site 2 of 2 in cluster AU

NY LTANKS S105055157
N/A

Relative:
Lower
Actual:
14 ft.

LTANKS:

Facility ID: 0103194
Site ID: 286817
Closed Date: 2006-02-07
Spill Number: 0103194
Spill Date: 2001-06-22
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: TLGIBBON
Referred To: Not reported
Reported to Dept: 2001-06-22
CID: 211
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: 2001-06-22
Spill Record Last Update: 2006-02-07
Spiller Name: FR MUZZIN
Spiller Company: ST ANNES CHURCH
Spiller Address: 312 EAST 110TH ST
Spiller County: 001
Spiller Contact: FR MUZZIN
Spiller Phone: (212) 534-3856
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 232415
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 6/8/05 - Project management transferred to TLGibbons in Central Office, Albany 8/15/05 - Spoke with Father Mario @ St. Anns Church (212-534-3856). He has only been at the church for a few months and will try and contact former priest. 9/9/05 - After several attempts to contact, sent certified letter. 10/13/05 - Received response to letter, however, supporting docs were irrelevant to problem. 10/14/05 - Father Victor (212-289-0425) called me and will look for additional paperwork. 2/1/06 - Spoke with Carmen @ St. Anns Church. She sent paperwork. 2/6/06 - Received paperwork. In June 2001, PTC pumped out, cleaned and tested 3,000 gal. #2 heating oil vaulted basement tank. Failed pressure test. A-1 Crown Leak tested tank on 6/22/01 and it failed. Tank repaired and retested on 7/31/01. Tank passed. Close spill."

Remarks:

All TTF:

Facility ID: 0103194
Spill Number: 0103194
Spill Tank Test: 1526413
Site ID: 286817

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST ANNES CHURCH (Continued)

S105055157

Tank Number: 1
Tank Size: 3000
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: 286817
Operable Unit ID: 841903
Operable Unit: 01
Material ID: 535286
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AV440 **FRANKLIN PLAZA APTS INC**
SSE **2085 SECOND AVE**
1/4-1/2 **NEW YORK, NY 10029**
0.393 mi.
2077 ft. **Site 1 of 2 in cluster AV**

NY LTANKS **1004762803**
RCRA NonGen / NLR **NYR000100628**
ICIS
US AIRS

Relative: LTANKS:
Higher Facility ID: 1110988
Site ID: 458856
Actual: Closed Date: 2016-04-21
18 ft. Spill Number: 1110988
Spill Date: 2011-12-09
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: RMOMAR
Referred To: Not reported
Reported to Dept: 2011-12-09
CID: Not reported
Water Affected: 2-054879
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Date Entered In Computer: 2011-12-09
Spill Record Last Update: 2016-04-21
Spiller Name: PAUL RIFKIN
Spiller Company: FRANKLIN APT
Spiller Address: 2085 2ND AVE
Spiller County: 999
Spiller Contact: PAUL RIFKIN
Spiller Phone: (212) 369-3303
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 413325
DEC Memo: "5/15/2012 Sangesland reviewed a report from Nick Marrone at Miller Environmental (845-569-1200 x104) Report says there was a TTF on 2-30,000 #6 Oil USTs. There were 5 existing monitoring wells in the area from a prior spill event (which had been closed out). Miller took 5 water samples and they were clean for VOCs and minor hits for SVOCs. The 2 tanks are already out of service. The owner plans on digging out at least 1 of the tanks and replacing it. Miller asks that the spill case remain open until the tank is pulled. At that time they will be able to see if there is any #6 oil contamination in the area. At that time they will either clean it, or report that the site was already clean and then ask for a spill closure. Miller believes this tank work will be done during the summer/fall of 2012.
8/05/2015: Rashad Spill transferred from Sangesland to Rashad as per RSE. 8/12/2015: Rashad As per NYC building records 2085 2nd Avenue has alternate address of 2081-2087 2nd Avenue as well as Franklin Plaza Building 5. According to PBS#2-054879 there are two 30,000 gallon #6 fuel oil tanks, one is underground, and one is aboveground in vault with access for inspections. Additional spill#9905676 reported on 08/11/1999, caller remarks tank leaking for several months - 30,000 gallon UST - samples being taken from the soil - Reg 2 OFC was contacted as well as NYC HDB. Prior spill comments written by DEC KRIMGOLD Apparently, a soil and groundwater investigation was performed by another contractor (Dorsen Engineering) and they encountered free product (thickness unk) - no permanent wells, five to six feet to gw. The 3000 gal tank leaked, it was cleaned and relined? and put back into service. #6 oil lost in the process. He will send report and remediation proposal. Comment written on 10/11/05 Mustico: Reviewed report from Dorson Environmental Management. Report indicates groundwater from monitoring wells are below standards. Closed 3 documents found in D2 however they are all the same document. Franklin Plaza Apartments Spill Status Report summary below: Miller Environmental Group (MEG) found 5 monitoring wells that surrounded the 2 30,000 gallon #6 gallon tanks from a previous DEC site spill investigation. These 5 wells were used to sample groundwater samples. Depth to groundwater ranged from 8-10 feet below grade across the site, total depth of the wells were approximately 15 feet. One water sample was taken from each monitoring well. Water quality data shows no petroleum contaminants above standards and only slightly above standard PAH contamination. Emailed Nick Marrone: I am currently reviewing spill#1110988 submitted on 12/9/2011 at 2085 Second Avenue. I have reviewed the Spill Status Report dated March 30, 2012 and would like to request the following information: Was either tank removed and if so did it uncover any contaminated soil?. 9/30/2015: Rashad Sent email to mwfranklinplaza@yahoo.com: I am currently reviewing an old spill case for Franklin Plaza Apartments 2085 2nd Avenue, New York NY 10029

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

dated 12/09/2011 spill#1110988 where a tank test failure was reported. I have reviewed a report submitted by Miller Environmental Group that was submitted on March 30th 2012 which discussed water sampling and lab results. I am looking for an update on this site, was the 30,000 gallon tank ever removed? Was any soil contamination found? I would appreciate any information you have on this site. Received email: You have reached a non-active email address. To receive an answer to your request you may contact Stacey Berry Senior Property Manager of Franklin Plaza at Sberry@prestigemgt.com. Have a good day. Email was resent to Stacey Berry. Stacey replied Unfortunately, I am not aware of any testing or results to any testing done on this site especially in 2012 since I was not the manage at that time. However, I will be glad to look into the situation and get back to you with my findings. I have been told that one of the 2 tanks have been abandoned in place. I will check into the situation and get back to you hopefully by Friday, October 3rd. 12/11/2015: Rashad Email sent to Stacey: Were you able to find any additional information on this situation for me? 1/13/2016: Rashad Received call from Ezgi who works for Athenica Environmental Services, she was inquiring about property and is working towards spill closure and UST closure. She did not have the most recent investigation done on the property and she was also asking why the previous spill number 9905676 was closed. She submitted foil request to me which was approved by foil staff and I supplied her with the Phase 2 investigations and closure reports that were provided to me. Email chain seen here between myself Ezgi, and James (Ezgi's colleague) James sent email: Attached is a FOIL Request for 2085 2nd Avenue, New York, NY 10029. Thanks. I responded: I am attaching the smaller files through email however the larger document I am sending through a transfer service. Let me know if you have any issues with the document transfer. I also responded: Please note that these are the only documents that I have, and they are from spills related involvement. She responded: Thank you Rashad for the reports. We have reviewed them and since they have limited budget and would prefer closing the tank in place. I think we should collect another round of confirmatory samples from the existing monitoring wells, expose the UST to be abandoned, PID and visual confirmation for soil contamination, pump out the product in the UST, clean it, cut a hole in the bottom, get a sample from beneath the tank, analyze for VOCs, SVOCs and abandon the tank in place. Most likely the bottom of the UST is in the groundwater table. Do we need to submit an official work plan? Please let me know. Discussed case with Jeff, he said that no work plan is needed just a final report with the results. Emailed Ezgi back: That all sounds great, an official work plan is not necessary. Please submit a final report summarizing the remedial activities done with sampling results. 1/15/2016: Rashad Spoke to Neil from AL Eastman (caller ID# 347-590-0866), he wanted to clarify what work needs to be done. I told him what Ezgi and I agreed on, he does not work for Ezgi directly however I informed him that we should check monitoring wells to see if there is any product and check soil surrounding tank for contamination. He also indicated if he checks wells and groundwater is 6 or 7 feet he can not drill through bottom of tank because he will hit groundwater he will keep me updated. 2/25/2016: Rashad Received email from Ezgi: The tank cleanup has been completed last week, it took longer than expected unfortunately to pump out the sludge and clean it. As discussed previously, we have collected groundwater samples from the existing monitoring wells

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FRANKLIN PLAZA APTS INC (Continued)

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prior to tank cleanup and the results did not show any VOCs, or SVOCs. Yesterday, the tank contractor cut a hole at the bottom of the tank so we could collect endpoint samples from the bottom however the UST is at least 3 feet into the groundwater and groundwater started filling the tank, therefore there was no possible way to collect an endpoint sample from the bottom of the tank. Is it okay for them to abandon the UST in place based on the groundwater samples collected? I have attached the results along with a sampling plan for your review; we will also be preparing a closure report. Please let us know if it is okay to proceed with the closure of the UST. Ezgi's email has analytical groundwater data as well as sampling plan, files were uploaded to D2. Sampling results show no SVOCs or VOCs above unrestricted levels. Sent email to Ezgi: Yes it is ok to abandon the UST in place. Has an investigation been conducted on the tanks underground piping? If not, please confirm no contamination exists due to the underground lines. Please let me know if you have any questions. 3/3/2016: Rashad Ezgi responded: Sorry it took forever to get back to you. The contractor will confirm the underground piping status tomorrow. Then I will keep you posted and we can touch base again prior to the abandonment based on the piping situation. 3/10/2016: Rashad Ezgi emailed: The underground lines were flushed last Friday and fill box cemented to avoid any delivery being made to the tank. I will tell them to go ahead and abandon the tank in place if it is okay with you. I responded: Yes you may proceed and abandon tank. Ezgi responded: Great, thank you very much. We will send over a closure report once everything is completed. 4/21/2016: Rashad Received email from Ezgi: Please see attached for the closure report for 2085 2nd Avenue- Franklin Plaza. Please feel free contact me with any questions. Her email contain a UST closure report, It has been uploaded to D2. Review of the report is as follows: On February 8th, 2016, Athenica conducted a groundwater sampling event in the existing five on site monitoring wells in the vicinity of the USTs. Riteway Tank Maintenance performed the cleaning and closure of the UST. On Feb 11, 2016, Riteway started removing the sludge/water from the UST in order to clean the interior of the tank. About 3900 gallons of sludge and water mix was removed from the tank and pumped into a vacuum truck for proper off site disposal. On Feb 24th Riteway attempted cutting a hole at the bottom of the UST to collect endpoint soil samples from beneath the UST however it was determined that the UST was installed in at least 3 feet into the groundwater table, and water began filling the tank, therefore no endpoint samples were able to be taken. On March 4th 2016, Riteway flushed the underground lines associated with the UST and cemented the fill port. On April 15th the UST was filled with a concrete slurry. Review of groundwater analytics show no concentrations above or near DEC groundwater standards. Spill will be closed as per tank being cleaned/pumped and no contaminants in 5 ground water samples above regulation limits. Sent email to Ezgi: Thank you very much for the report. I have closed spill#1110988 (spill#9905676 was already closed on 10/11/2005) for 2085 2nd Ave. Thank you and let me know if you have any questions. "tank test failure, tank empty"

Remarks:

All Materials:

Site ID: 458856
Operable Unit ID: 1208966
Operable Unit: 01
Material ID: 2206326
Material Code: 0003A

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FRANKLIN PLAZA APTS INC (Continued)

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Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: FRANKLIN PLAZA APTS INC
Facility address: 2085 SECOND AVE
NEW YORK, NY 10029
EPA ID: NYR000100628
Mailing address: SECOND AVE
NEW YORK, NY 10029
Contact: PAUL RIFKIN
Contact address: SECOND AVE
NEW YORK, NY 10029
Contact country: US
Contact telephone: 212-369-3303
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: FRANKLIN PLAZA INC
Owner/operator address: 2085 2ND AVE
NEW YORK, NY 10029
Owner/operator country: US
Owner/operator telephone: 212-369-3303
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: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: FRANKLIN PLAZA INC
Owner/operator address: 2085 2ND AVE
NEW YORK, NY 10029
Owner/operator country: US
Owner/operator telephone: 212-369-3303
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: 01/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

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: FRANKLIN PLAZA APTS INC
Classification: Not a generator, verified

Date form received by agency: 01/30/2002
Site name: FRANKLIN PLAZA APTS INC
Classification: Large Quantity Generator

Date form received by agency: 09/26/2001
Site name: FRANKLIN PLAZA APT INC
Classification: Large Quantity Generator

Waste code: D001
Waste name: IGNITABLE WASTE

Violation Status: No violations found

ICIS:

Enforcement Action ID: NY000A0000262040013900332
FRS ID: 110001608975
Action Name: FRANKLIN PLAZA APARTMENTS 36061P00GT00332
Facility Name: FRANKLIN PLAZA APARTMENTS
Facility Address: 2085 SECOND AVE
NEW YORK, NY 10029
Enforcement Action Type: Administrative Order
Facility County: NEW YORK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.791418
Longitude in Decimal Degrees: 73.9423685
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400139
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262040013900330
FRS ID: 110001608975
Action Name: FRANKLIN PLAZA APARTMENTS 36061P00GT00330

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FRANKLIN PLAZA APTS INC (Continued)

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Facility Name: FRANKLIN PLAZA APARTMENTS
Facility Address: 2085 SECOND AVE
NEW YORK, NY 10029
Enforcement Action Type: Notice of Violation
Facility County: NEW YORK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.791418
Longitude in Decimal Degrees: 73.9423685
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400139
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262040013900325
FRS ID: 110001608975
Action Name: Not reported
Facility Name: FRANKLIN PLAZA APARTMENTS
Facility Address: 2085 SECOND AVE
NEW YORK, NY 10029
Enforcement Action Type: Administrative Order
Facility County: NEW YORK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.791418
Longitude in Decimal Degrees: 73.9423685
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400139
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262040013900318
FRS ID: 110001608975
Action Name: Not reported
Facility Name: FRANKLIN PLAZA APARTMENTS
Facility Address: 2085 SECOND AVE
NEW YORK, NY 10029
Enforcement Action Type: Notice of Violation
Facility County: NEW YORK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.791418
Longitude in Decimal Degrees: 73.9423685
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400139
Facility NAICS Code: 531110
Tribal Land Code: Not reported

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FRANKLIN PLAZA APTS INC (Continued)

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Enforcement Action ID: NY000A0000262040013900317
FRS ID: 110001608975
Action Name: Not reported
Facility Name: FRANKLIN PLAZA APARTMENTS
Facility Address: 2085 SECOND AVE
NEW YORK, NY 10029

Enforcement Action Type: Notice of Violation
Facility County: NEW YORK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.791418
Longitude in Decimal Degrees: 73.9423685
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400139
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262040013900316
FRS ID: 110001608975
Action Name: Not reported
Facility Name: FRANKLIN PLAZA APARTMENTS
Facility Address: 2085 SECOND AVE
NEW YORK, NY 10029

Enforcement Action Type: Notice of Violation
Facility County: NEW YORK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.791418
Longitude in Decimal Degrees: 73.9423685
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400139
Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262040013900305
FRS ID: 110001608975
Action Name: Not reported
Facility Name: FRANKLIN PLAZA APARTMENTS
Facility Address: 2085 SECOND AVE
NEW YORK, NY 10029

Enforcement Action Type: Administrative Order
Facility County: NEW YORK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAO
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.791418
Longitude in Decimal Degrees: 73.9423685
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400139

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Facility NAICS Code: 531110
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000262040013900302
FRS ID: 110001608975
Action Name: Not reported
Facility Name: FRANKLIN PLAZA APARTMENTS
Facility Address: 2085 SECOND AVE
NEW YORK, NY 10029

Enforcement Action Type: Notice of Violation
Facility County: NEW YORK
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 6513
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.791418
Longitude in Decimal Degrees: 73.9423685
Permit Type Desc: Not reported
Program System Acronym: NY0000002620400139
Facility NAICS Code: 531110
Tribal Land Code: Not reported

US AIRS (AFS):

Envid: 1004762803
Region Code: 02
County Code: NY061
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
D and B Number: Not reported
Facility Site Name: FRANKLIN PLAZA APARTMENTS
Primary SIC Code: 6513
NAICS Code: 531110
Default Air Classification Code: MAJ
Facility Type of Ownership Code: Not reported
Air CMS Category Code: TVM
HPV Status: ADDRESSED HPV

US AIRS (AFS):

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Operating Permits
Activity Date: 2016-06-28 00:00:00
Activity Status Date: 2016-06-29 07:38:05
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2014-11-03 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2015-03-12 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2015-04-30 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2015-04-30 00:00:00
Activity Status Date: 2016-05-02 14:07:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2015-05-05 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2015-11-03 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2016-05-03 00:00:00
Activity Status Date: 2016-06-09 07:01:26
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2016-05-03 00:00:00
Activity Status Date: 2016-06-09 07:02:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 1999-11-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2000-10-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2001-01-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2001-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2001-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2002-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2002-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2002-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2002-12-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2003-02-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2003-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date: 2003-05-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2003-06-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2003-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2003-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2003-10-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2004-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2004-11-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2005-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2005-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2005-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2005-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2006-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2006-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2007-03-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2007-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2007-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2007-11-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2008-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2008-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

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Activity Date: 2008-11-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2009-01-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2009-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2009-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2009-11-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2010-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2010-11-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2011-04-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2011-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2011-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2011-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2012-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2012-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2013-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2013-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

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Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2013-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2013-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2014-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-11-03 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

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EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

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Activity Date: 2015-03-12 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-04-30 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-04-30 00:00:00
Activity Status Date: 2016-05-02 14:07:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-05-05 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2015-11-03 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-05-03 00:00:00
Activity Status Date: 2016-06-09 07:01:26
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-05-03 00:00:00
Activity Status Date: 2016-06-09 07:02:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-11-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-10-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-01-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

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Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-12-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-02-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-05-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date:	2003-06-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2003-08-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2003-08-13 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2003-10-28 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2004-04-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-11-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-03-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2007-11-02 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-02-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-05-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2008-11-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date:	2009-01-29 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-02-12 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-04-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2009-11-03 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2010-05-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-11-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-04-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2012-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2013-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2013-11-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2014-05-01 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2003-06-09 00:00:00
Activity Status Date:	2003-06-09 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	2001-04-10 00:00:00
Activity Status Date:	2001-04-10 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Resolved
Region Code:	02
Programmatic ID:	AIR NY0000002620400139
Facility Registry ID:	110001608975
Air Operating Status Code:	OPR
Default Air Classification Code:	MAJ
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

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FRANKLIN PLAZA APTS INC (Continued)

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Activity Date: 2002-09-12 00:00:00
Activity Status Date: 2002-09-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-10-25 00:00:00
Activity Status Date: 2000-10-25 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-03-12 00:00:00
Activity Status Date: 2001-03-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-04-04 00:00:00
Activity Status Date: 2002-04-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-05-09 00:00:00
Activity Status Date: 2003-05-09 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2014-11-03 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2015-03-12 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2015-04-30 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2015-04-30 00:00:00
Activity Status Date: 2016-05-02 14:07:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2015-05-05 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2015-11-03 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2016-05-03 00:00:00
Activity Status Date: 2016-06-09 07:01:26
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2016-05-03 00:00:00
Activity Status Date: 2016-06-09 07:02:20
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 1999-11-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2000-10-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2001-01-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2001-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2001-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2002-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date: 2002-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2002-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2002-12-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2003-02-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2003-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2003-05-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2003-06-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2003-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2003-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2003-10-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2004-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2004-11-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2005-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2005-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2005-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2005-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2006-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2006-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2007-03-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date: 2007-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2007-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2007-11-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2008-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2008-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2008-11-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2009-01-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2009-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2009-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2009-11-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2010-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2010-11-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2011-04-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2011-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2011-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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Database(s)

EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2011-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2012-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2012-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2013-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection

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EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date: 2013-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2013-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2013-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Stratospheric Ozone Protection
Activity Date: 2014-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2000-10-13 00:00:00
Activity Status Date: 2001-04-10 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

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Database(s)

EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2001-02-26 00:00:00
Activity Status Date: 2001-04-10 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-03-01 00:00:00
Activity Status Date: 2002-09-12 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-11-03 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-03-12 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-04-30 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Map ID
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Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-04-30 00:00:00
Activity Status Date: 2016-05-02 14:07:39
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-05-05 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2015-11-03 00:00:00
Activity Status Date: 2016-05-02 13:20:49
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-05-03 00:00:00
Activity Status Date: 2016-06-09 07:01:26
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2016-05-03 00:00:00
Activity Status Date: 2016-06-09 07:02:20
Activity Group: Compliance Monitoring

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Database(s)

EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 1999-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 1999-11-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2000-10-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2001-01-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

Map ID
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Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date: 2001-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2001-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-12-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-02-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-05-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-06-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

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EDR ID Number
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FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-08-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2003-10-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2004-11-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

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EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2005-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

Map ID
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EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date: 2006-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2006-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-03-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

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EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2007-11-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-02-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2008-11-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-01-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-04-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2009-11-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-05-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2010-11-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

Map ID
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Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-04-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-04-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-05-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2011-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Activity Date: 2012-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2012-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-04-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2013-11-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2014-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2001-04-10 00:00:00
Activity Status Date: 2001-04-10 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-09-12 00:00:00
Activity Status Date: 2002-09-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Resolved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2000-10-25 00:00:00
Activity Status Date: 2000-10-25 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS INC (Continued)

1004762803

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2001-03-12 00:00:00
Activity Status Date: 2001-03-12 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002620400139
Facility Registry ID: 110001608975
Air Operating Status Code: OPR
Default Air Classification Code: MAJ
Air Program: Title V Permits
Activity Date: 2002-04-04 00:00:00
Activity Status Date: 2002-04-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

**AV441
SSE
1/4-1/2
0.393 mi.
2077 ft.**

**FRANKLIN PLAZA APTS
2085 2ND AVE
MANHATTAN, NY
Site 2 of 2 in cluster AV**

**NY LTANKS U001831520
N/A**

**Relative:
Higher
Actual:
18 ft.**

LTANKS:
Facility ID: 9905676
Site ID: 270703
Closed Date: 2005-10-11
Spill Number: 9905676
Spill Date: 1999-02-01
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: RXMUSTIC
Referred To: Not reported
Reported to Dept: 1999-08-11
CID: 312
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: 1999-08-11
Spill Record Last Update: 2005-10-11
Spiller Name: PAUL RIFKIN
Spiller Company: FRANKLIN PLAZA APTS, INC
Spiller Address: 2085 2ND AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRANKLIN PLAZA APTS (Continued)

U001831520

Spiller County: 001
Spiller Contact: PAUL RIFKIN
Spiller Phone: (212) 369-3303
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 220365
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD 1/10/00 Spoke to Ray Kahn, 212-363 3775, consultant to Franklin Plaza. Apparently, a soil and groundwater investigation was performed by another contractor (Dorsen Engineering) and they encountered free product (thickness unk) - no permanent wells, five to six feet to gw. The 3000 gal tank leaked, it was cleaned and relined? and put back into service. #6 oil lost in the process. He will send report and remediation proposal. 3/13/01 Mike Kennedy, Dorsen Enmtl, 914-592-3117 to send Closure Report to my attention. 09/07/01 Cheryl from Dorsen inquired about status of Closure review. Post 9/11 Bill Blain reviewed report and required additional info 4/17/02 Cheryl 914-592-3117 inquired about site status. 01/26/04 REassigned from Rommel to Austin 02/17/04: Reassigned from AUSTIN to KRIMGOLD. 10/11/05 Mustico - Reviewed report from Dorson Environmental Management. Report indicates groundwater from monitoring wells are all below standards. Closed."

Remarks: "TANK LEAKING FOR SEVERAL MONTHS - 30,000 GAL UST - SAMPLES BEING TAKEN FROM THE SOIL - REG 2 OFC WAS CONTACTED AS WELL AS NYC HBD"

All Materials:

Site ID: 270703
Operable Unit ID: 1080119
Operable Unit: 01
Material ID: 301969
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AW442 **APARTMENT HOUSE**
North **50 WEST 119TH ST**
1/4-1/2 **NEW YORK, NY**
0.401 mi.
2117 ft. **Site 1 of 2 in cluster AW**

NY LTANKS **S104621393**
N/A

Relative: **LTANKS:**
Higher Facility ID: 0000405
Site ID: 182429
Actual: Closed Date: 2003-02-19
24 ft. Spill Number: 0000405
Spill Date: 2000-04-10
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: TOMASELLO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT HOUSE (Continued)

S104621393

Referred To: Not reported
Reported to Dept: 2000-04-10
CID: 252
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2000-04-10
Spill Record Last Update: 2003-02-19
Spiller Name: Not reported
Spiller Company: INTERBORO
Spiller Address: UNK
Spiller County: 001
Spiller Contact: WALTER MILLER
Spiller Phone: (212) 369-4079
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 152865
DEC Memo: ""
Remarks: "CALLER STATES EVERY MONTH OIL IS DELIVERED ATLEAST 1 GALLON GETS
SPILLED DUE TO TANK OVERFILL-ON GOING PROBLEM AND ALSO HAS SEEN OIL
SPRAYED ON WALL IN BASEMENT."

All Materials:
Site ID: 182429
Operable Unit ID: 822166
Operable Unit: 01
Material ID: 288655
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

**AX443
NW
1/4-1/2
0.404 mi.
2135 ft.**

**APT BUILDING
132 WEST 113TH ST
NEW YORK, NY
Site 1 of 2 in cluster AX**

**NY LTANKS S117395193
N/A**

**Relative:
Higher
Actual:
28 ft.**

LTANKS:
Facility ID: 1410204
Site ID: 503875
Closed Date: 2017-05-19
Spill Number: 1410204
Spill Date: 2015-01-16
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Not reported
Cleanup Ceased: Not reported
SWIS: 3101

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT BUILDING (Continued)

S117395193

Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2015-01-19
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: 2015-01-19
Spill Record Last Update: 2017-05-19
Spiller Name: Not reported
Spiller Company: 132 WEST 131 ST
Spiller Address: Not reported
Spiller County: 999
Spiller Contact: SUPER
Spiller Phone: (914) 299-9235
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 458786
DEC Memo: "tank has leak above liquid line. Proposal sent out to owner for new tank. Instructed rite way to empty tank and set up temp. CSL needs to be sent out. 10/30/15- DEC piper emailed David Chan at Rite way for closure report and/ or update. Rite way was unsure of address. It may be 132 WEST 113th ST. Need to follow up with Milleneum. Changed address from 132 WEST 131ST ST to 132 WEST 113th ST 12/23/2015: Rashad Spill reassigned from Piper to Omar as per DeMeo. 12/24/2015: Rashad 132 West 113th Street does not have an alternate address. No additional spill reports or PBS registrations found for site. No documents found in D2. 12/31/2015: Rashad Sent email to David: I have been reassigned a couple of spills that involve Riteway, they are as follows: Spill#1409502 PBS#2-149969 820 West End Ave, NY 10025 Received on 12/19/2014. Spill#1410204 132 West 113th Street, NY 10026 Received on 1/19/2015 I would appreciate any documentation or information you have on these sites. Thank you, Happy New Year! 1/6/2016: Rashad Received email from David showing previous emails between he and Ryan Piper stating that there was confusion due to wrong address, address was changed to 132 West 113th Street Ryan Piper, Davids email comments about site: 132 West 113th St, NYC we supplied this property with 2 x 275 temp tanks back on Jan 29, 2015 and removed them on July 14, 2015. We wrote Concord Management proposals for a removal of a 550 and install of a 550, but we never received the job. We never performed a tank test here. Rob Hill also replied to email chain: We installed temp tanks at this location which I believe really should be 132 West 113 Street which Millenium Tan performed a tank test at. I think it was mistakenly noted as 132 w 131 Street which did not do any work at. According to DOB LAA work permits there are 3 entries, on 2/10/2015 there was an installation of 2x275 temp fuel oil tanks (which coincides with riteways installation from previous email). On 4/30/2015 there was an alteration of 2x275 gallon fuel oil tanks. Also on 4/30/2015 there was another entry for removal of 550 gallon aboveground fuel oil tank. Sent email to Mellennium Tank: Spill#1410204 for 132 West 113th Street, New York 10026 has been reassigned to me. I have been in touch with Riteway and they have informed me that they had two 275

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT BUILDING (Continued)

S117395193

temp tanks installed, however they were eventually removed. Do you have any further information on this site, was the 550 gallon tank that failed the tightness test removed or repaired? Was any oil discharged? 1/17/2017 Austin This spill report is being transferred from Rashad Omar to Kumar Patel end. 05/17/17-Hiralkumar Patel. went to site for inspection, but no access. phone number listed for super or rental company were out of service. noted aboveground fill port and vent line on building's northern foundation wall, between two basement windows. found patches on concrete flags near the curb: two on sidewalk flag in front of the building entrance and one in sidewalk flag in line with existing fill/vent line location (possible old fill port). 05/18/17-Hiralkumar Patel. 2:23 PM:- Karen at Concord Management. she doesn't know about tank test failure and property manager is in field. scheduled a site inspection at 8:30 AM tomorrow. 132 West 113th Street HDFC **property owner** c/o Concord Management of NY LLC. 1328 New York Ave Huntington Station, NY 11746 Attn.: Jose Rodriguez **property manager** PH. (631) 421-7371 (O) (917) 217-2016 (C) email: jrodriguez@concordny.com 05/19/17-Hiralkumar Patel. 9:03 AM:- received call from Chris from All Boro. he mentioned that he had removed the 550 gal tank from the site in 2015. he was working for Approved Oil. Chris confirmed that only tank system was replaced and no environmental cleanup was needed. 9:00 AM:- visited site. met building super. site has two (275) gal ASTs towards back of the basement, along building's western foundation wall. super mentioned that the old 550 gal tank was in same location where existing tanks are located. the old tank was wrapped in concrete. contractor removed concrete wrap and removed tank, but did not excavate floor underneath the tank. no signs of spill noted on basement floor underneath the tanks. all lines are aboveground except piece of fill and vent lines that cross foundation wall. super mentioned that one of the patch on sidewalk flag by the curb, in front of building entrance, was an old fill port used in past before he starting working at the site more than 10 years ago. he confirmed that fill port for the 550 gal tank was in same location as existing fill port. case closed based on available information (dry leak in old tank system, source removal and currently no signs of spill at site)."

Remarks:

"550 gal in vault"

All Materials:

Site ID: 503875
Operable Unit ID: 1253219
Operable Unit: 01
Material ID: 2255431
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: G
Recovered: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

444
North
1/4-1/2
0.415 mi.
2191 ft.

2 WEST 120TH ST
2 WEST 120TH ST
MANHATTAN, NY

NY LTANKS
NY AST
NY Spills

S102143394
N/A

Relative:
Higher

Actual:
27 ft.

LTANKS:

Facility ID: 9612461
Site ID: 226768
Closed Date: 1997-02-13
Spill Number: 9612461
Spill Date: 1997-01-18
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MMMULQUE
Referred To: Not reported
Reported to Dept: 1997-01-18
CID: 371
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: 1997-01-18
Spill Record Last Update: 1997-02-13
Spiller Name: CHARLIE
Spiller Company: MYSTIC OIL
Spiller Address: 19-01 STEINWAY ST
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 187171
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
MULQUEEN "

Remarks: "TANK OVERFILLED - CLEANUP IN PROGRESS"

All Materials:

Site ID: 226768
Operable Unit ID: 1043978
Operable Unit: 01
Material ID: 341104
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: .00
Oxygenate: Not reported

AST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2 WEST 120TH ST (Continued)

S102143394

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-346152
Program Type: PBS
UTM X: 589054.43806
UTM Y: 4517459.48321
Expiration Date: 09/11/2020
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 16913
Affiliation Type: Mail Contact
Company Name: 2 WEST 120TH REALTY CO. LLC
Contact Type: Not reported
Contact Name: MEIR BOUSKILA
Address1: P.O. BOX 1920
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10116
Country Code: 001
Phone: (212) 564-2111
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-08-11

Site Id: 16913
Affiliation Type: Facility Operator
Company Name: 2 WEST 120TH STREET
Contact Type: Not reported
Contact Name: BRIAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (646) 529-3653
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 2007-06-12

Site Id: 16913
Affiliation Type: Emergency Contact
Company Name: 2 WEST 120TH REALTY CO. LLC
Contact Type: Not reported
Contact Name: ELINOR ARZT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 560-7737
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2 WEST 120TH ST (Continued)

S102143394

Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-08-11

Site Id: 16913
Affiliation Type: Facility Owner
Company Name: 2 WEST 120TH REALTY CO. LLC
Contact Type: MEMBER
Contact Name: MEIR BOUSKILA
Address1: 1 PENN PLAZA, STE 4000
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10119
Country Code: 001
Phone: (212) 564-2111
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-08-11

Tank Info:

Tank Number: 001
Tank Id: 32866
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
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
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I05 - Overfill - Vent Whistle

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 09/11/1936
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: NTFREEMA
Last Modified: 04/14/2017
Material Name: #4 fuel oil (on-site consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2 WEST 120TH ST (Continued)

S102143394

SPILLS:

Facility ID: 9208787
Facility Type: ER
Spill Number: 9208787
DER Facility ID: 178495
Site ID: 215507
DEC Region: 2
Closed Date: 1995-03-31
Spill Cause: Unknown
Spill Class: A3
SWIS: 3101
Spill Date: 1992-10-28
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1992-10-29
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Local Agency
Cleanup Ceased: 1995-03-31
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-10-30
Spill Record Last Update: 1995-03-31
Spiller Name: Not reported
Spiller Company: Not reported
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 TANG "
Remarks: "FD WENT OVER AND FOAMED BASEMENT YESTERDAY.HAZ MAT SPECIALIST ON ROUTE1 FT DEEP IN FUEL -KOOON WAS ALREADY ON ROUTE WHEN I CALLED ,CALL BACK, RESPONDED W/ DEP HAZMAT, OIL IN BSMT CLEANED UP."

All Materials:

Site ID: 215507
Operable Unit ID: 972321
Operable Unit: 01
Material ID: 405868
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 1500.00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 0200862
Facility Type: ER
Spill Number: 0200862
DER Facility ID: 187171

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2 WEST 120TH ST (Continued)

S102143394

Site ID: 226767
DEC Region: 2
Closed Date: 2003-12-12
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 3101
Spill Date: 2002-04-22
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2002-04-23
CID: 205
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: 2002-04-23
Spill Record Last Update: 2003-12-12
Spiller Name: Not reported
Spiller Company: SUMMIT TRANSPORT
Spiller Address: 39-57 JEFFERSON STREET
Spiller Company: 001
Contact Name: CALLER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 12/12/03 mt// contained and cleaned using absorbent//nfa required"
Remarks: "SPILL TO GROUND. CLEANUP COMPLETED."

All Materials:

Site ID: 226767
Operable Unit ID: 854310
Operable Unit: 01
Material ID: 522291
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 3.00
Units: G
Recovered: .00
Oxygenate: Not reported

**AX445
NW
1/4-1/2
0.415 mi.
2193 ft.**

**RESIDENCE
133 WEST 113TH ST
MANHATTAN, NY
Site 2 of 2 in cluster AX**

**NY LTANKS S105135555
N/A**

**Relative:
Higher
Actual:
29 ft.**

LTANKS:
Facility ID: 0106679
Site ID: 98158
Closed Date: 2001-10-02
Spill Number: 0106679

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105135555

Spill Date: 2001-09-25
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2001-09-26
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: 2001-09-26
Spill Record Last Update: 2001-10-02
Spiller Name: MARIA ALMAMZAR
Spiller Company: RESIDENCE
Spiller Address: 133 WEST 113TH ST
Spiller County: 001
Spiller Contact: MARIA ALMAMZAR
Spiller Phone: (212) 678-4670
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 87370
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIPPLE SEE CALLERS REMARKS"
Remarks: "REPLACED MANHOLE GASKIT-RETESTED AND TANK PASSED."

All TTF:

Facility ID: 0106679
Spill Number: 0106679
Spill Tank Test: 1526632
Site ID: 98158
Tank Number: Not reported
Tank Size: 4000
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: 98158
Operable Unit ID: 843750
Operable Unit: 01
Material ID: 531529
Material Code: 0001A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENCE (Continued)

S105135555

Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

AW446 **49 WEST 119TH ST/MANH**
North **49 WEST 119TH STREET**
1/4-1/2 **NEW YORK CITY, NY**
0.419 mi.
2214 ft. **Site 2 of 2 in cluster AW**

NY LTANKS **S104275554**
N/A

Relative:
Higher
Actual:
24 ft.

LTANKS:
Facility ID: 8907609
Site ID: 85877
Closed Date: 2004-01-12
Spill Number: 8907609
Spill Date: 1989-10-30
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 1989-10-31
CID: Not reported
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1989-11-01
Spill Record Last Update: 2004-01-12
Spiller Name: Not reported
Spiller Company: ALMAR FUEL OIL
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: 78835
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
AUSTIN 1/12/04 - AUSTIN - SURF. SPILL FROM 14 YRS. AGO - CLOSED -
ORIG. ASSIGNED TO FINGER - END"
Remarks: "FUEL COMPANY DELIVERED OIL TO THE WRONG BLDG, SPILL CONTAINED IN
BASEMENT, SPEEDY DRY APPLIED."

All Materials:
Site ID: 85877
Operable Unit ID: 935229
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

49 WEST 119TH ST/MANH (Continued)

S104275554

Material ID: 444395
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 250.00
Units: G
Recovered: .00
Oxygenate: Not reported

AY447
SSW
1/4-1/2
0.425 mi.
2245 ft.

112 EAST 103RD ST
112 E. 103RD ST
MANHATTAN, NY
Site 1 of 2 in cluster AY

NY LTANKS **S102662929**
N/A

Relative:
Higher
Actual:
20 ft.

LTANKS:

Facility ID: 9701263
Site ID: 121487
Closed Date: 1997-04-29
Spill Number: 9701263
Spill Date: 1997-04-28
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1997-04-28
CID: 369
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: 1997-04-28
Spill Record Last Update: 2006-12-28
Spiller Name: Not reported
Spiller Company: CASTLE OIL CO
Spiller Address: 290 LOCUST AVE
Spiller County: 001
Spiller Contact: CHARLIE CALLI
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 105458
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIBBE SPILL CLEANED BY RESPONSIBLE PARTY"
Remarks: "CLEANUP IS IN PROGRESS-BEE4N CONTAINED FD ON SCENE"

All Materials:

Site ID: 121487
Operable Unit ID: 1043903
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

112 EAST 103RD ST (Continued)

S102662929

Material ID: 337818
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: G
Recovered: 20.00
Oxygenate: Not reported

448
WNW
1/4-1/2
0.428 mi.
2261 ft.

SPILL NUMBER 0112250
145 W. 110TH ST
MANHATTAN, NY

NY LTANKS

S105995493
N/A

Relative:
Higher
Actual:
33 ft.

LTANKS:

Facility ID: 0112250
Site ID: 268560
Closed Date: 2003-03-03
Spill Number: 0112250
Spill Date: 2002-03-28
Spill Cause: Tank Overfill
Spill Source: Commercial Vehicle
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JBOUGHT
Referred To: Not reported
Reported to Dept: 2002-03-28
CID: 322
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: 2002-03-28
Spill Record Last Update: 2003-03-03
Spiller Name: Not reported
Spiller Company: SOUTH CAROLINA OIL COMP.
Spiller Address: 165 W. 135RD ST
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 218777
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
VOUGHT 03/03/03-close spill."
Remarks: "fire dept responding to a tank overfill at church -no sewers
effected - "

All Materials:

Site ID: 268560
Operable Unit ID: 851055

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0112250 (Continued)

S105995493

Operable Unit: 01
Material ID: 526260
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: .00
Oxygenate: Not reported

449
North
1/4-1/2
0.440 mi.
2323 ft.

APART
86 WEST 119TH STREET
NEW YORK, NY

NY LTANKS S109208794
N/A

Relative:
Higher

Actual:
24 ft.

LTANKS:
Facility ID: 0805163
Site ID: 402208
Closed Date: 2009-12-22
Spill Number: 0805163
Spill Date: 2008-08-04
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: MXAJOKU
Referred To: Not reported
Reported to Dept: 2008-08-04
CID: 444
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: 2008-08-04
Spill Record Last Update: 2010-01-20
Spiller Name: PAUL MARTINEZ
Spiller Company: APART
Spiller Address: 86 WEST 119TH STREET
Spiller County: 001
Spiller Contact: PAUL MARTINEZ
Spiller Phone: (917) 217-3639
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 351412
DEC Memo: "Case started out as a Tank Test Failure. Tank is 3,000 gal and no PBS was found. Tank will probably be replaced. Property Manager: Paul Martinez with Wavecrest Management 718-463-1200 Wavecrest compliance person looked up the records and confirmed the tank had never been registered. Building has an alternate address of 170 thru 178 Lenox Ave, Manhattan. Building is being sold through city HPD to be a tenant owned Co-op - Contact for this transfer is: Alan Blitz

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APART (Continued)

S109208794

212-479-3308 -Shuhab Housing Development Fund Corp 1780 Broadway Fl
6, New York NY 10019-1414 TTF letter sent to Mr. Blitz at Shuhab.
03/02/09: I left a voice message for both Paul Martinez and Alan
Blitz with respect to failure of the 3000 gallon tank, and
non-compliance status because the facility is not registered under
PBS. (MA) 12/17/09: DEC is in receipt of report document dated
10/22/09 prepared and submitted on behalf of Shuhab Housing
Development Fund Corp by VTEQE LTD. The report documents
investigation in connection with TTF, and PBS registration for the
new AST. Based on this report document, spill number associated with
the TTF is hereby closed. See eDocs for detail. (MA)"
Remarks: "DRY LEAK"

All TTF:

Facility ID: 0805163
Spill Number: 0805163
Spill Tank Test: 2486605
Site ID: 402208
Tank Number: Not reported
Tank Size: 3000
Material: Not reported
EPA UST: Not reported
UST: False
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

Facility ID: 0805163
Spill Number: 0805163
Spill Tank Test: 2486606
Site ID: 402208
Tank Number: Not reported
Tank Size: 0
Material: Not reported
EPA UST: Not reported
UST: False
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: 402208
Operable Unit ID: 1158976
Operable Unit: 01
Material ID: 2150084
Material Code: 0001A
Material Name: #2 fuel oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APART (Continued)

S109208794

Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

450
SE
1/4-1/2
0.442 mi.
2336 ft.

CON EDISON - EAST 111TH ST. WORKS MGP
EAST 110TH - EAST 112TH STS.
NEW YORK, NY 10029

EDR MGP **S1008407981**
N/A

Relative:
Lower
Actual:
10 ft.

Manufactured Gas Plants:
No additional information available

451
ENE
1/4-1/2
0.444 mi.
2342 ft.

UNKNOWN
222 EAST 119TH ST
MANHATTAN, NY

NY LTANKS **S104877060**
N/A

Relative:
Lower
Actual:
16 ft.

LTANKS:
Facility ID: 0008608
Site ID: 236346
Closed Date: 2007-06-11
Spill Number: 0008608
Spill Date: 2000-10-24
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 2000-10-24
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: 2000-10-24
Spill Record Last Update: 2007-06-11
Spiller Name: OWNER
Spiller Company: 222 EAST 119TH ST
Spiller Address: 222 EAST 119TH ST
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNKNOWN (Continued)

S104877060

DEC Region: 2
DER Facility ID: 194702
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 1/19/2006 - Haggerty - spoke with Rene Lewis of Al Eastmond, he will send info (718-378-3000), Rene never returns calls. Spoke with Arthur Schwartz (718-246-7944) from Acorn Realty, he will have someone return my call. Spoke with property manager who has no knowledge of anything regarding the spill (tank test failure), Acorn acquired property 1 year ago. 06/11/07. J.Krimgold reviewed a report submitted by A.L. Eastmond. Tank was removed and soil samples taken. No soil contamination or other evidence of release has been found. NFA. "
Remarks: "tank failed test."

All TTF:
Facility ID: 0008608
Spill Number: 0008608
Spill Tank Test: 1525952
Site ID: 236346
Tank Number: 1
Tank Size: 5000
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: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 236346
Operable Unit ID: 829196
Operable Unit: 01
Material ID: 546114
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

452
East
1/4-1/2
0.445 mi.
2352 ft.

CORSI HOUSES (JEFFERSON) -NYCHA
306 EAST 117TH STREET
MANHATTAN, NY

NY LTANKS **S101509052**
N/A

Relative:
Lower

Actual:
14 ft.

LTANKS:

Facility ID: 9500828
Site ID: 116004
Closed Date: 2014-06-20
Spill Number: 9500828
Spill Date: 1995-04-20
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 1995-04-20
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: 1995-04-24
Spill Record Last Update: 2014-06-20
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: 100981
DEC Memo: "12/20/05: This spill transferred from J.Kolleeny to S.Kraszewski.
09/01/06: DEC Lead for this spill changed from unassigned to S.
Kraszewski. - J. Kolleeny 02/09/07 - J.Kann - Spill reassigned from
S.Kraszewski to J.Kann. 6/11/09: JKann - Meeting held on 5/28 with
ALC Environmental and NYCHA. Investigative Work Plan submitted on
June 10, 2009. 10/21/10: J.Kann - Approved work plan. Email sent.
5/8/13: J.kann- EMAIL SENT TO NYCHA ON 4/13/12, WP APPRVD 10/2010.
NYCHA said site was overlooked. Due to inactivity, Stip sent on
5/6/13. 11/1/13: J.kann - SIR received on 10/31/13. 6/20/14: J.Kann -
SIR reveiwed. 5 borings advanced and 3 wells installed. No SVOC or
VOC exceedences of RSCOs. No product in wells and no VOCs or SVOCs
above TOGS 1.1.1. NFA. Spill closed."

Remarks: "TANK #1 - GROSS FAILURE"

All TTF:

Facility ID: 9500828
Spill Number: 9500828
Spill Tank Test: 1543755
Site ID: 116004
Tank Number: 001
Tank Size: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORSI HOUSES (JEFFERSON) -NYCHA (Continued)

S101509052

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: 116004
Operable Unit ID: 1014949
Operable Unit: 01
Material ID: 369442
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

AZ453
North
1/4-1/2
0.455 mi.
2400 ft.

42 WEST 120TH ST/CIBRO
42 WEST 120TH STREET
NEW YORK CITY, NY

NY LTANKS **S104275517**
N/A

Site 1 of 2 in cluster AZ

Relative:
Higher
Actual:
23 ft.

LTANKS:

Facility ID: 8803777
Site ID: 285603
Closed Date: 2001-11-06
Spill Number: 8803777
Spill Date: 1988-07-29
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: 2001-11-06
SWIS: 3101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1988-07-29
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: 1988-08-02
Spill Record Last Update: 2004-08-19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

42 WEST 120TH ST/CIBRO (Continued)

S104275517

Spiller Name: Not reported
Spiller Company: CIBRO
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: 231596
DEC Memo: ""
Remarks: "FUEL TANK, SPILL IN BASEMENT, FOAMED SPILL, OWNER & SUPERINTENDANT NOTAVAILABLE."

All Materials:

Site ID: 285603
Operable Unit ID: 920951
Operable Unit: 01
Material ID: 459310
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 300.00
Units: G
Recovered: .00
Oxygenate: Not reported

AZ454
North
1/4-1/2
0.455 mi.
2400 ft.

42 WEST 120TH STREET
42 WEST 120TH STREET
MANHATTAN, NY

NY LTANKS **S100879309**
N/A

Site 2 of 2 in cluster AZ

Relative:
Higher
Actual:
23 ft.

LTANKS:

Facility ID: 9313894
Site ID: 285604
Closed Date: 1994-12-05
Spill Number: 9313894
Spill Date: 1994-02-22
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: 1994-12-05
SWIS: 3101
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1994-02-25
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-02-25
Spill Record Last Update: 1994-12-05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

42 WEST 120TH STREET (Continued)

S100879309

Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 282048
DEC Memo: ""
Remarks: "CRACKED OIL TANK? BUR. OF RENTAVATION & REPAIR WILL BID THIS OUT FOR CLEAN UP - TANK IS ABOVEGROUND, MR JOE TORRES HAS INSPECTED THE SPILL, AND DETERMINED THAT IS DUE TO OVERFILL FROM VENT PIPE."

All Materials:
Site ID: 285604
Operable Unit ID: 992352
Operable Unit: 01
Material ID: 389251
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 450.00
Units: G
Recovered: .00
Oxygenate: Not reported

BA455 **88-01 102ND ST/QUEENS**
SSW **88-01 102ND STREET**
1/4-1/2 **NEW YORK CITY, NY**
0.460 mi.
2429 ft. **Site 1 of 2 in cluster BA**

NY LTANKS **S102671629**
N/A

Relative: LTANKS:
Higher Facility ID: 9010982
Site ID: 156890
Closed Date: 1991-03-14
Spill Number: 9010982
Spill Date: 1991-01-15
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: 1991-03-14
SWIS: 4101
Investigator: JAMES
Referred To: Not reported
Reported to Dept: 1991-01-15
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: 1991-03-15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

88-01 102ND ST/QUEENS (Continued)

S102671629

Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: BAERENKLAU
Spiller Address: 740 JAMAICA AVENUE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 132737
DEC Memo: ""
Remarks: "TANK OVERFILL, SPILL CONTAINED WITH SORBENT, TO BE CLEANED UP, DEC WILL FOLLOW UP AS NECESSARY."

All Materials:

Site ID: 156890
Operable Unit ID: 948044
Operable Unit: 01
Material ID: 431084
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

BA456
SSW
1/4-1/2
0.463 mi.
2443 ft.
CARVER HOUSES
60 EAST 102ND STREET
NEW YORK, NY 10029
Site 2 of 2 in cluster BA

NY LTANKS
NY UST
NY Spills
U000410834
N/A

Relative:
Higher
Actual:
28 ft.

LTANKS:

Facility ID: 9213846
Site ID: 113808
Closed Date: 2005-03-17
Spill Number: 9213846
Spill Date: 1993-03-17
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JAKOLLEE
Referred To: Not reported
Reported to Dept: 1993-03-17
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: 1993-03-30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

Spill Record Last Update: 2005-03-17
Spiller Name: Not reported
Spiller Company: N.Y.C.H.A.
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: 99293
DEC Memo: "This spill closed to consolidate with open spill no. 0207863
(contaminated soil found during tank pull). - J. Kolleeny 3/17/05"
Remarks: "NO ACTION YET DETERMINED."

All TTF:

Facility ID: 9213846
Spill Number: 9213846
Spill Tank Test: 1541286
Site ID: 113808
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
Last Modified Date: Not reported

All Materials:

Site ID: 113808
Operable Unit ID: 981149
Operable Unit: 01
Material ID: 403599
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Facility ID: 9013206
Site ID: 74175
Closed Date: 1995-04-20
Spill Number: 9013206
Spill Date: 1991-03-27
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: 1995-04-20

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1991-03-27
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: 1991-04-04
Spill Record Last Update: 1995-04-20
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: 250 BROADWAY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 69676
DEC Memo: ""
Remarks: "25K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,WILL EXCAVATE, ISOLATE & RETEST. NOTE: SEE SPILL # 9213846"

All TTF:

Facility ID: 9013206
Spill Number: 9013206
Spill Tank Test: 1538374
Site ID: 74175
Tank Number: 002
Tank Size: 0
Material: 0002
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: 74175
Operable Unit ID: 950419
Operable Unit: 01
Material ID: 426091
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

Recovered: .00
Oxygenate: Not reported

Facility ID: 9805800
Site ID: 81909
Closed Date: 1999-03-24
Spill Number: 9805800
Spill Date: 1998-08-10
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 1998-08-10
CID: 266
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: 1998-08-10
Spill Record Last Update: 1999-03-24
Spiller Name: SEBASTIAN LOREFICE
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 75640
DEC Memo: ""
Remarks: "TANK TO BE ISOLATED AND RETESTED."

All TTF:

Facility ID: 9805800
Spill Number: 9805800
Spill Tank Test: 1546145
Site ID: 81909
Tank Number: 3
Tank Size: 25000
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: F
Modified By: Spills
Last Modified Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

All Materials:

Site ID: 81909
Operable Unit ID: 1067016
Operable Unit: 01
Material ID: 316984
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: 2-475491 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 03/28/2019
UTM X: 588538.90110
UTM Y: 4516016.11668
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 21008
Affiliation Type: Facility Operator
Company Name: CARVER 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: 2014-01-31

Site Id: 21008
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

Modified By: NRLOMBAR
Date Last Modified: 2015-08-14

Site Id: 21008
Affiliation Type: Emergency Contact
Company Name: NEW YORK CITY 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: NRLOMBAR
Date Last Modified: 2014-01-30

Site Id: 21008
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY HOUSING AUTHORITY
Contact Type: FUEL OIL REMEDIATION COORDINATOR
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: MXLAY
Date Last Modified: 2017-03-10

Tank Info:

Tank Number: 1
Tank ID: 64698
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 30000
Install Date: 12/01/2002
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

Last Modified: 04/14/2017

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F05 - Pipe External Protection - Jacketed
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I03 - Overfill - Automatic Shut-Off
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring

Tank Number: OLD 1
Tank ID: 37816
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 25000
Install Date: 12/01/1974
Date Tank Closed: 11/01/2002
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:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: OLD 2
Tank ID: 37817
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 25000
Install Date: 12/01/1974

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

Date Tank Closed: 08/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: 03
Date Test: 06/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Number: OLD 3
Tank ID: 37818
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 25000
Install Date: 12/01/1980
Date Tank Closed: 10/01/2002
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: 05/28/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D08 - Pipe Type - Equivalent Technology
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
F99 - Pipe External Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

SPILLS:

Facility ID: 0207853
Facility Type: ER
Spill Number: 0207853
DER Facility ID: 69676
Site ID: 163230
DEC Region: 2
Closed Date: 2002-11-12
Spill Cause: Unknown
Spill Class: C4
SWIS: 3101
Spill Date: 2002-10-29
Investigator: JAKOLLEE
Referred To: Not reported
Reported to Dept: 2002-10-29
CID: 396
Water Affected: Not reported
Spill Source: Private Dwelling
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: 2002-10-29
Spill Record Last Update: 2005-11-04
Spiller Name: Not reported
Spiller Company: NYC HOUSING
Spiller Address: 23-02 49TH AV
Spiller Company: 001
Contact Name: MARIO MANDALONE
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY ACCORDING TO INFORMATION PROVIDED BY NYCHA, NYCHA PERSONNEL DID CLEANUP, SKIMMING OIL OFF WATER IN THE SUMP PIT WITH WIPES AND INSTALLING AN ABSORBENT SOCK IN THE PIT. SOILED WIPES PLACED IN DOT DRUM FOR REMOVAL. ALL CLEANED UP, OK TO CLOSE."
Remarks: "confined in sump pit."

All Materials:

Site ID: 163230
Operable Unit ID: 860663
Operable Unit: 01
Material ID: 514859
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

Facility ID: 0207863
Facility Type: ER
Spill Number: 0207863

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

DER Facility ID: 69676
Site ID: 74173
DEC Region: 2
Closed Date: 2010-11-29
Spill Cause: Unknown
Spill Class: C3
SWIS: 3101
Spill Date: 2002-10-24
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 2002-10-29
CID: 233
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: 2002-10-29
Spill Record Last Update: 2010-11-29
Spiller Name: UNK
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: UNK
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 11/04/05: This spill transferred from J.Kolleeny to S.Kraszewski. 01/27/06: This spill transferred from S.Kraszewski to Q.Abidi. 03/31/06: This spill transferred from Q. Abidi to Koon Tang. 10/09/08: J.Kann - Site transferred to J.kann - Site identified as a P3 in 11/05. Met with NYCHA and their consultant (Preferred Environmental) on October 3 to discuss requirements of the site. Proposed and agreed to the installation of 5 borings (collection of gw and soil from each). Work Plan will be submitted shortly. 11/24/08: J.Kann - WP received 11/19/08. 11/29/10: J.Kann - Site Investigation Report submitted on November 3, 2009. Report reviewed. No contamination detected in soils on site. Six groundwater samples were collected. five were clean. one sample contained naphthalene at 29ppb (guidance of 10ppb) and phenanthrene at 200ppb (guidance of 50). The Department concurs with the consultants recommendation that no further action is necessary. Spill closed. "
Remarks: "CALLER WAS CONTRACTED TO REMOVE AN U/G OIL TANK CONTAMINATED SOIL HAS BEEN DISCOVERED. JON KOLLEENY OF DEC HAS BEEN WORKING W/ CALLER ON THIS PROJECT. "
All Materials:
Site ID: 74173
Operable Unit ID: 859461
Operable Unit: 01
Material ID: 514868
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 8907064
Facility Type: ER
Spill Number: 8907064
DER Facility ID: 69676
Site ID: 74174
DEC Region: 2
Closed Date: 2005-03-17
Spill Cause: Unknown
Spill Class: B3
SWIS: 3101
Spill Date: 1989-10-01
Investigator: JAKOLLEE
Referred To: Not reported
Reported to Dept: 1989-10-18
CID: Not reported
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: 1989-10-20
Spill Record Last Update: 2005-03-17
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "This spill closed to consolidate with open spill no. 0207863
(contaminated soil found during tank pull). - J. Kolleeny 3/17/05"

Remarks: "OLD SPILL FOUND, TRYING TO CLEAN UP WITH ABSORBENTS, OIL IN PITS,
CONTAMINATED SOIL BEING CONTAINED."

All TTF:

Facility ID: 8907064
Spill Number: 8907064
Spill Tank Test: 1536259
Site ID: 74174
Tank Number: Not reported
Tank Size: 0
Material: 0002
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARVER HOUSES (Continued)

U000410834

Last Modified Date: Not reported

All Materials:

Site ID: 74174
Operable Unit ID: 932144
Operable Unit: 01
Material ID: 443862
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

AY457 **AMERICAN CAR SERVICE/MANH**
SSW **100 EAST 102ND STREET**
1/4-1/2 **NEW YORK, NY**
0.470 mi.
2481 ft. **Site 2 of 2 in cluster AY**

NY LTANKS **S104275520**
N/A

Relative:
Higher
Actual:
29 ft.

LTANKS:

Facility ID: 8804606
Site ID: 113919
Closed Date: 2005-10-20
Spill Number: 8804606
Spill Date: 1988-08-25
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: A3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jdjarat
Referred To: Not reported
Reported to Dept: 1988-08-25
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1988-08-30
Spill Record Last Update: 2005-10-20
Spiller Name: Not reported
Spiller Company: AMERICAN CAR SERVICE
Spiller Address: 100 EAST 102 STREET
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 99395
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN CAR SERVICE/MANH (Continued)

S104275520

Remarks: ROMMEL 4/12/04-Vought-Spill transferred from Sullivan to Rommel as per Rommel. transferred to Jarratt (co) 7/05 Spill closed 10/20/05."
"(5) 550 GALLON TANKS, INITIAL SYSTEM AIR PRESSURE TEST, UNREADABLE LEAK RATE, WILL EXCAVATE AND INVESTIGATE, "

All TTF:

Facility ID: 8804606
Spill Number: 8804606
Spill Tank Test: 1534523
Site ID: 113919
Tank Number: Not reported
Tank Size: 0
Material: 0009
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: 113919
Operable Unit ID: 919725
Operable Unit: 01
Material ID: 456544
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

BB458
SSE
1/4-1/2
0.475 mi.
2510 ft.
WHITE HOUSES
2029 SECOND AVE
NEW YORK CITY, NY
Site 1 of 2 in cluster BB

NY LTANKS
NY Spills
S102239098
N/A

Relative:
Higher

Actual:
19 ft.

LTANKS:

Facility ID: 9502424
Site ID: 190355
Closed Date: 2011-12-02
Spill Number: 9502424
Spill Date: 1995-05-26
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: jkkann
Referred To: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITE HOUSES (Continued)

S102239098

Reported to Dept: 1995-05-26
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: 1995-05-26
Spill Record Last Update: 2011-12-02
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: 158786
DEC Memo: "12/19/05: This spill transferred from J.Kolleeny to S.Kraszewski.
03/23/06: This spill transferred to K.Tang - SK 09/23/10: J.Kann -
spill transferred from K. Tang to J.Kann. 3/8/11: J.Kann -
Investigative work plan received on 3/3/11. Three soil borings to be
advanced (two in the sidewalk in front of the tank and one
upgradient) and groundwater collected from temporary wells and
analysed for 8021 and 8270. Work plan approved in an email dated
3/8/11. 7/18/11: J.Kann - SAR rcvd on 6/28/11 and under review
(edoced). 8/11/11: J.Kann - after discussing the site with Joe
O'connell, an email was sent to NYCHA requesting that additional
borings be installed around the tank before the site can be
considered for closure. 9/13/11: J.Kann - As per NYCHA's request, a
meeting was held to discuss the site. 10/6/11: J.Kann - NYCHA sent an
email on 10/3 indicating that they would be able to advance two
additional borings around the tank. Sent an email okaying the plan
provided more information is provided. 10/25/11: J.Kann - NYCHA
provided more details of the work in an email from 10/20/11. I
visited the site on October 21 while soil boring work was performed.
Soils recovered from the boring in the 10-14 foot below grade
interval (groundwater at approx. 11 feet) were a homogeneous sand
with no odor or staining observed. 12/1/11: J.Kann - received
supplemental investigation information on Nov. 28. Reviewed data for
the two additional soil samples. No VOCs were detected and SVOCs were
below CP-51 guidance document. No further action necessary. "
Remarks: "TANK #1 COULD NOT MAINTAIN LEVEL"
All TTF:
Facility ID: 9502424
Spill Number: 9502424
Spill Tank Test: 1543871
Site ID: 190355
Tank Number: 001
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITE HOUSES (Continued)

S102239098

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: 190355
Operable Unit ID: 1016857
Operable Unit: 01
Material ID: 367475
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:

Facility ID: 9514534
Facility Type: ER
Spill Number: 9514534
DER Facility ID: 168887
Site ID: 203053
DEC Region: 2
Closed Date: 1996-02-16
Spill Cause: Equipment Failure
Spill Class: C3
SWIS: 3101
Spill Date: 1996-02-13
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1996-02-13
CID: 282
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: 1996-02-13
Spill Record Last Update: 2003-01-02
Spiller Name: UNKNOWN
Spiller Company: MYSTIC OIL
Spiller Address: N/A
Spiller Company: 001
Contact Name: MR ARTOPE
DEC Memo: ""
Remarks: "DURING THE FILLING OF THE TANK A MECHANICAL FAILURE OCCURRED. OIL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITE HOUSES (Continued)

S102239098

COMP WAS THE SPILLER.EXACTLY WHAT THE FAILURE WAS THE COMP WAS
UNSURE.HE WAS NOT THERE. SPILL IS BEING CLEANED UP BY WINSTON."

All Materials:

Site ID: 203053
Operable Unit ID: 1029089
Operable Unit: 01
Material ID: 354662
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 150.00
Units: G
Recovered: 150.00
Oxygenate: Not reported

BB459 **GAYLORD WHITE HOUSES -NYCHA**
SSE **2029 SECOND AVENUE**
1/4-1/2 **MANHATTAN, NY**
0.475 mi.
2510 ft. **Site 2 of 2 in cluster BB**

NY LTANKS **S100146090**
NY Spills **N/A**

Relative:
Higher
Actual:
19 ft.

LTANKS:

Facility ID: 9613804
Site ID: 162120
Closed Date: 1997-08-15
Spill Number: 9613804
Spill Date: 1997-02-25
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1997-02-25
CID: 297
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: 1997-02-25
Spill Record Last Update: 2005-12-19
Spiller Name: FRANK OCELLO
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: RAY VALEZ
Spiller Phone: (212) 306-3142
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 158786
DEC Memo: ""

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAYLORD WHITE HOUSES -NYCHA (Continued)

S100146090

Remarks: "THE NYC HOUSING TECHNICIAN REQUESTED 3500 GALLONS OF FUEL FOR A 4000 GALLON TANK AND THE TANK WAS OVERFILLED "

All Materials:

Site ID: 162120
Operable Unit ID: 1045233
Operable Unit: 01
Material ID: 338906
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9003016
Site ID: 138545
Closed Date: 1994-08-30
Spill Number: 9003016
Spill Date: 1990-06-15
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: 1994-08-30
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1990-06-15
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: 1990-06-22
Spill Record Last Update: 2005-12-19
Spiller Name: Not reported
Spiller Company: NYCHA
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: 158786
DEC Memo: ""
Remarks: "15K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, VISUAL LEAK ON PETROMETER FLANGE, WILL REPLACE THE PETROMETER."

All TTF:

Facility ID: 9003016
Spill Number: 9003016
Spill Tank Test: 1537190

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAYLORD WHITE HOUSES -NYCHA (Continued)

S100146090

Site ID: 138545
Tank Number: Not reported
Tank Size: 0
Material: 0002
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: 138545
Operable Unit ID: 940890
Operable Unit: 01
Material ID: 437736
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

SPILLS:

Facility ID: 9614162
Facility Type: ER
Spill Number: 9614162
DER Facility ID: 158786
Site ID: 162121
DEC Region: 2
Closed Date: 2004-03-12
Spill Cause: Human Error
Spill Class: C4
SWIS: 3101
Spill Date: 1997-03-05
Investigator: GDBREEN
Referred To: Not reported
Reported to Dept: 1997-03-05
CID: 270
Water Affected: Not reported
Spill Source: Commercial/Industrial
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: 1997-03-05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAYLORD WHITE HOUSES -NYCHA (Continued)

S100146090

Spill Record Last Update: 2005-12-19
Spiller Name: Not reported
Spiller Company: PULLINI CONTRACTORS
Spiller Address: Not reported
Spiller Company: 001
Contact Name: ED MALONE
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
BREEN 2/2/04 - AUSTIN - SPILL TRANSFERRED FROM ENGELHARDT TO BREEN
FOR NYCHA - END Closed after inspection on 3-12-04. George Breen"
Remarks: "CONTRACTOR WAS REMOVING BOILER AND SPILLED THE OIL"

All Materials:
Site ID: 162121
Operable Unit ID: 1045595
Operable Unit: 01
Material ID: 339272
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

BC460 349 E 106TH ST/MANH/GETTY
SSE 349 EAST 106TH STREET
1/4-1/2 NEW YORK CITY, NY
0.483 mi.
2549 ft. **Site 1 of 2 in cluster BC**

NY LTANKS **S104275624**
N/A

Relative: LTANKS:
Lower Facility ID: 9009295
Actual: Site ID: 170219
13 ft. Closed Date: 1992-07-16
Spill Number: 9009295
Spill Date: 1990-11-26
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: B3
Cleanup Ceased: 1992-07-16
SWIS: 3101
Investigator: SULLIVAN
Referred To: Not reported
Reported to Dept: 1990-11-26
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1990-12-10
Spill Record Last Update: 1992-07-28
Spiller Name: Not reported
Spiller Company: GETTY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

349 E 106TH ST/MANH/GETTY (Continued)

S104275624

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: 143229
DEC Memo: ""
Remarks: "(12) 550 GAL TANKS FAILED AIR PRESSURE TEST, NO LOSS OF PRODUCT, TO
EMPTY & FILL WITH WATER, TO EXCAVATE & REMOVE."

All TTF:

Facility ID: 9009295
Spill Number: 9009295
Spill Tank Test: 1537933
Site ID: 170219
Tank Number: Not reported
Tank Size: 0
Material: 0009
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: 170219
Operable Unit ID: 946483
Operable Unit: 01
Material ID: 429519
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

**BC461
SSE
1/4-1/2
0.490 mi.
2586 ft.**

**318 EAST 106HT ST
318 EAST 106TH ST
NEW YORK, NY
Site 2 of 2 in cluster BC**

**NY LTANKS S102673274
N/A**

**Relative:
Lower**

LTANKS:

**Actual:
14 ft.**

Facility ID: 9514717
Site ID: 247963
Closed Date: 1996-02-16
Spill Number: 9514717
Spill Date: 1996-02-16
Spill Cause: Tank Overfill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

318 EAST 106HT ST (Continued)

S102673274

Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 1996-02-16
CID: 252
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: 1996-02-16
Spill Record Last Update: 1996-02-28
Spiller Name: UNKNOWN
Spiller Company: Unknown
Spiller Address: UNKNOWN
Spiller County: 999
Spiller Contact: JOHN GOODWIN
Spiller Phone: (718) 932-9075
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 203596
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
KRIMGOLD will clean up 02/17/96"
Remarks: "order for 1200 gals at 800 gals tank overfilled onto concrete
floor-clean up to begin shortly"

All Materials:
Site ID: 247963
Operable Unit ID: 1029260
Operable Unit: 01
Material ID: 354843
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: G
Recovered: .00
Oxygenate: Not reported

BD462
South
1/4-1/2
0.490 mi.
2587 ft.

AMOCO
1599 LEXINGTON AV
NEW YORK CITY, NY

Site 1 of 2 in cluster BD

Relative:
Higher
Actual:
48 ft.

LTANKS:
Facility ID: 0005828
Site ID: 141296
Closed Date: 2004-10-01
Spill Number: 0005828
Spill Date: 2000-08-15

NY LTANKS **S104782092**
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO (Continued)

S104782092

Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 2000-08-15
CID: 270
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2000-08-15
Spill Record Last Update: 2004-10-04
Spiller Name: ADAM WOLF
Spiller Company: WOLF PETROLEUM
Spiller Address: 55 JERICO TURNPIKE
Spiller County: 001
Spiller Contact: CALLER
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 120669
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 5/14/2003 Tipple updating/ transferred from Tipple to Vought-Amoco service station 12/3/03 Reassigned from Vought to Foley. Bill Wolf Petroleum site. Consultant is National Environmental Management Associates (Bruce Beck). 2/10/04 Received letter from Merritt Engineering Consultants (MEC, 28-08 Bayside Lane, Bayside NY 11358 [718-767-7997]). They performed a Phase I site assessment and would like additional info on spill. 2/12/04 Spoke to Bruce Beck(631-422-3370). He will call back with more information on site history. He suspects that there will be a UST closure report for this site. 2/13/04 Left message for C. Merritt regarding FOIL. 2/17/04 Spoke to B. Beck. This was one of several waste oil tank removals completed in 2000. He has UST closure report which had some hits in soil for PAHs above STARS criteria. Do not exceed TAGM guidance. No VOCs or metals detected. Will meet on 2/25/04 to discuss Wolf sites status. 2/17/04 Left message for C. Merritt regarding FOIL. 2/18/04 Spoke to C. Merritt. Emailed FOIL application. He probably will not FOIL file since it was a small waste oil tank removal. 2/25/04 B. Beck hand-delivered UST closure report(dated 2/2/01) for one steel 550gal waste oil tank. 4/30/04 Waste oil tank removed 8/15/00. Tank appeared to be in poor condition with some holes and pitting. Excavation was visually inspected and showed some signs of contamination. Minor odors and staining was observed. DTW estimated at 35'bgs. PID screening showed contamination within soils located on top of and at or mid level of the UST. PID range 0-50ppm. Soil samples were taken from the floor and walls of the excavation. EX-1 through EX-4 were taken from the bottom. EX-5 and EX-6 were composited from the walls(midway from excavation bottom). TAGM 4046 exceeded for PAHs in excavation samples. Based upon discussions with DEC, three borings were taken, B-1 and B-2 within the tank excavation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO (Continued)

S104782092

Remarks: and B-3 as a background sample. Samples were collected at 8-10' below the original excavation bottom. All three boring samples were undetect for SVOCs. Toluene(13 and 5.8ppb) and Xylenes(8.4 and 8.9ppb) were detected in soil. 10/1/04 NFA mailed.
"contaminated soil discovered from tank removal"

All Materials:

Site ID: 141296
Operable Unit ID: 826800
Operable Unit: 01
Material ID: 546971
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9013137
Site ID: 80907
Closed Date: 1991-03-27
Spill Number: 9013137
Spill Date: 1991-03-26
Spill Cause: Tank Overfill
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Not reported
Cleanup Ceased: 1991-03-27
SWIS: 3101
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1991-03-26
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1991-04-04
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: ISLAND TRANSPORTATION
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: 74928
DEC Memo: ""
Remarks: "NYCFD DIKED THE SEWER,NYCDEP & ISLAND TRANSPORTATION ARE RESPONDING,NOOTHER AGENCIES INVOLVED."

All Materials:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO (Continued)

S104782092

Site ID: 80907
Operable Unit ID: 953054
Operable Unit: 01
Material ID: 426030
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: G
Recovered: .00
Oxygenate: Not reported

**463
SE
1/4-1/2
0.491 mi.
2593 ft.**

**CLOSED-LACKOF RECENT INFO
2130 FIRST AVE
NEW YORK CITY, NY**

**NY LTANKS S104275515
N/A**

**Relative:
Lower
Actual:
8 ft.**

LTANKS:

Facility ID: 8803679
Site ID: 253942
Closed Date: 2003-03-05
Spill Number: 8803679
Spill Date: 1988-07-25
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 1988-07-28
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: 1988-08-02
Spill Record Last Update: 2003-03-14
Spiller Name: Not reported
Spiller Company: CONT. OIL CONTROL COMBUST
Spiller Address: 2130 FIRST AVE
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 207992
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: "25K TANK FAILED WITH A LEAK RATE OF -5.656GPH, LEAKING FILL LINE, WILLEXCAVATE.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S104275515

CLEAN UP REQUIREMENTS."

All TTF:

Facility ID: 8803679
Spill Number: 8803679
Spill Tank Test: 1534357
Site ID: 253942
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: 253942
Operable Unit ID: 918838
Operable Unit: 01
Material ID: 459219
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

464
SSW
1/4-1/2
0.491 mi.
2593 ft.

CON EDISON
1475 MADISON AVE
NEW YORK, NY 10029

NY LTANKS **S104073542**
NY MANIFEST **N/A**

Relative:
Higher

Actual:
37 ft.

LTANKS:

Facility ID: 9304947
Site ID: 313208
Closed Date: 2005-03-17
Spill Number: 9304947
Spill Date: 1993-07-20
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JAKOLLEE
Referred To: Not reported
Reported to Dept: 1993-07-20
CID: Not reported
Water Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S104073542

Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: True
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-07-21
Spill Record Last Update: 2005-03-17
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: 252539
DEC Memo: "This spill closed to consolidate with open spill no. 0207863
(contaminated soil found during tank pull). - J. Kolleeny"
Remarks: "WILL INVESTIGATE. SEE SPILL # 9405399"

All TTF:

Facility ID: 9304947
Spill Number: 9304947
Spill Tank Test: 1541786
Site ID: 313208
Tank Number: 003
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: 313208
Operable Unit ID: 983223
Operable Unit: 01
Material ID: 398419
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

Facility ID: 9405399
Site ID: 313209

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S104073542

Closed Date: 1997-08-25
Spill Number: 9405399
Spill Date: 1994-07-20
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: C3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1994-07-20
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: 1994-08-01
Spill Record Last Update: 2005-03-17
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 252539
DEC Memo: ""
Remarks: "TO INVESTIGATE BY MONITORING TANK LEVEL."

All TTF:

Facility ID: 9405399
Spill Number: 9405399
Spill Tank Test: 1542963
Site ID: 313209
Tank Number: 003
Tank Size: 0
Material: 0002
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: 313209
Operable Unit ID: 999554
Operable Unit: 01
Material ID: 381988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S104073542

Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

Facility ID: 9706325
Site ID: 324510
Closed Date: 1999-03-24
Spill Number: 9706325
Spill Date: 1997-08-25
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 1997-08-25
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: 1997-08-25
Spill Record Last Update: 1999-03-24
Spiller Name: FRANK OCELLO
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: FRANK OCELLO
Spiller Phone: (212) 306-3229
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 261389
DEC Memo: ""
Remarks: "tank will be emptied so that leak can be located and repaired "

All TTF:

Facility ID: 9706325
Spill Number: 9706325
Spill Tank Test: 1545286
Site ID: 324510
Tank Number: 3
Tank Size: 25000
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 03

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S104073542

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: 324510
Operable Unit ID: 1049691
Operable Unit: 01
Material ID: 331910
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYP004813420
Facility Status: Not reported
Location Address 1: 1475 MADISON AVE
Code: BP
Location Address 2: SB 50640
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004813420
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
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: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/27/2015
Trans1 Recv Date: 07/27/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S104073542

Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/28/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004813420
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014472545JJK
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: 500
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

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

BD465 23 PRECINCT NYPD -DDC
South 164 EAST 102ND STREET
1/4-1/2 MANHATTAN, NY
0.492 mi.
2598 ft. Site 2 of 2 in cluster BD

NY LTANKS S100494620
N/A

Relative: LTANKS:
Higher Facility ID: 9214349
Actual: Site ID: 279388
35 ft. Closed Date: 2003-10-31
Spill Number: 9214349
Spill Date: 1993-03-29
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

23 PRECINCT NYPD -DDC (Continued)

S100494620

Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 1993-03-29
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1993-04-01
Spill Record Last Update: 2004-12-22
Spiller Name: Not reported
Spiller Company: N.Y.C. P.D.
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: 118123
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
KRIMGOLD TANKS REMOVED IN 1996. POST EXCAVATION SAMPLING SHOWS SOIL
CONTAMINATION BY VOLATILES AND SEMI-VOLATILES. 2/28/02. SITE HAS BEEN
REMEDIATED BY DDC CONTRACTOR. SEE DDC FILE. NFA."
Remarks: "TANK 2, 3 & 4 FAILED."

All TTF:

Facility ID: 9214349
Spill Number: 9214349
Spill Tank Test: 1541322
Site ID: 279388
Tank Number: Not reported
Tank Size: 0
Material: 0009
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: 279388
Operable Unit ID: 978418
Operable Unit: 01
Material ID: 400568
Material Code: 0009
Material Name: gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

23 PRECINCT NYPD -DDC (Continued)

S100494620

Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

Facility ID: 9211682
Site ID: 138131
Closed Date: 2002-02-28
Spill Number: 9211682
Spill Date: 1993-01-11
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: JMKRIMGO
Referred To: Not reported
Reported to Dept: 1993-01-12
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1993-01-14
Spill Record Last Update: 2004-12-22
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 118123
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was

Remarks: "FUMES NOTICED IN LOCKER ROOM-SUSPECTED U.G. TANK-TANK IS BEING PUMPED WILL BE REPLACED"

All Materials:
Site ID: 138131
Operable Unit ID: 976135
Operable Unit: 01
Material ID: 405069
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

23 PRECINCT NYPD -DDC (Continued)

S100494620

Units: L
Recovered: .00
Oxygenate: Not reported

**466
WNW
1/4-1/2
0.493 mi.
2604 ft.**

**APARTMENT BUILDING
200 WEST 111TH STREET
NEW YORK, NY 10026**

**NY LTANKS S108059380
N/A**

**Relative:
Higher
Actual:
37 ft.**

LTANKS:

Facility ID: 0603385
Site ID: 366102
Closed Date: 2008-11-03
Spill Number: 0603385
Spill Date: 2006-06-27
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 3101
Investigator: VSZHUNE
Referred To: Not reported
Reported to Dept: 2006-06-27
CID: 409
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: 2006-06-27
Spill Record Last Update: 2008-12-26
Spiller Name: MARLON JOESPH
Spiller Company: APARTMENT BUILDING
Spiller Address: 200 WEST 111TH ST
Spiller County: 001
Spiller Contact: MARLON JOESPH
Spiller Phone: (718) 624-4842
Spiller Extention: 109
DEC Region: 2
DER Facility ID: 28556
DEC Memo:

"06/28/06-Zhune-Called Marlon Joseph from PTC (718)624-4842 and He gave me the following information: address, name and phone # of the owner: P.O.Box 8496 New york, NY 10150, 212-6637858, Ms.Carole Williams. He said thank capacity is 6000 gals and the product stored is #4 fuel oil, registration shows 6000 gals, #2 fuel oil. The thank is located in the basement in the tank room and it is in used. He said the problem is not in the thank is coming for one of the line so next step they are going to evacuate the tank and retest it. I also called carole Williams I let her know that DEC Is sending a TTF letter to her. She gave me her address: P.O. Box 8525 New York, NY 10150 and Fax # 917-4930477. Carol PH # 212 6637858 07/6/06- Results of the test was received. Petroleum tank Cleaners tested the tank on june 27.2008. The ullage portion failed the test. 08/28/08- Carol Williams Manager of the building sent a letter and the results of the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT BUILDING (Continued)

S108059380

Tank and system tightness test and the invoice. The invoice described the work that was performed On March 13, 2008: 3/13/2008-Removed existing 3 fill line. Installed new 2 fill line. 3/18/2008Re- tested tank and System. Tank passed the test Rental 2-275 gallons temporary fuel oil storage tanks from 3/6/08 to 3/18/2008 3/18/2008 Temp tank Removed. Petroleum Tank Cleaners tested the tank on February 28, 2008 Only the tank passed the test. Petroleum Tank Cleaners tested the system on March, 18, 2008. The system passed test. 09/02/08- Zhune spoke to Mark Salamack from PTC. Mark verbally said he did not see any contamination but we are waiting for a writtten report. 09/03/08- PTC sent a letter saying the following. The facility is an apartment building that has a 60000 gallon above ground #4 fuel storage tank. This tsank was tested on 27, June 2006 for refinancing of the building and failed. In February of this Year PTC was contacted by the manager of the building to investigate and remedy the source of failure. The tank was emptied and all the lines were tested and the tank isolated and tested by itsel. The fill line was found to leak, all other lines were good and the tank only test passed. Subsequently the fill line wich is entirely above ground was replaced. There was no actual hole in the line, just some loose fittings that. although soaked with oil has no dripped any oil. During this work no contamination. The tank system was tested on 18, March 2008 and passed. "

Remarks: "ABOVE LIQUID LEAK."

All TTF:

Facility ID: 0603385
Spill Number: 0603385
Spill Tank Test: 1550084
Site ID: 366102
Tank Number: 1
Tank Size: 4000
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: 366102
Operable Unit ID: 1124056
Operable Unit: 01
Material ID: 2113539
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

467 ENE 1/4-1/2 0.495 mi. 2611 ft. 2211 THIRD AVENUE 2211 THIRD AVENUE NEW YORK CITY, NY NY VCP S118943177 N/A

Relative:
Lower

VCP NYC:

Project ID: 12CBCP037M
Project Name: 2211 THIRD AVENUE
Project Address: 2211 THIRD AVENUE
Borough: MANHATTAN

Actual:
16 ft.

VCP NYC:

Project ID: 12CBCP037M
File Name: 2012-02-07.RIR
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2012-02-07.12CBCP037M.2211_Third_Ave.RIR.pdf

Project ID: 12CBCP037M
File Name: 2012-02-08.RAWP_Draft
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2012-02-08.12CBCP037M.2211_Third_Ave.RAWP_Draft.pdf

Project ID: 12CBCP037M
File Name: 2012-02-13.FactSheet-1
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2012-02-13.12CBCP037M.2211_Third_Ave.FactSheet1.pdf

Project ID: 12CBCP037M
File Name: 2012-04-11.Stipulation_List
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2012-04-11.12CBCP037M.2211_Third_Ave.StipList.pdf

Project ID: 12CBCP037M
File Name: 2012-05-10.Decision_Document
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2012-05-10.12CBCP037M.2211_Third_Ave.Decision_Document.pdf

Project ID: 12CBCP037M
File Name: 2015-04-27.RAWP_Addendum_for_Contacts
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2015-04-27.12CBCP037M.letter.RAWP_Addendum_for_Contacts.pdf

Project ID: 12CBCP037M
File Name: 2015-06-08.RAWP_Addendum_for_End-Point_Sampling
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2015-06-08.12CBCP037M.letter.RAWP_Addendum_End-Point_Sampling.pdf

Project ID: 12CBCP037M
File Name: 2015-06-18.Factsheet-2
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2015-06-18.12CBCP037M.doc.2211_Third_Avenue.Factsheet-2.pdf

Project ID: 12CBCP037M
File Name: 2015-06-18.Translated_FactSheet-2
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2015-06-18.12CBCP037M.doc.2211_Third_Avenue.Translated_FactSheet-2.pdf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2211 THIRD AVENUE (Continued)

S118943177

Project ID: 12CBCP037M
File Name: 2017-07-19.RAR
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2017-07-19.RAR.pdf

Project ID: 12CBCP037M
File Name: 2017-07-21.Notice_of_Completion
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2017-07-21.NOC.pdf

Project ID: 12CBCP037M
File Name: 2017-07-21.Factsheet-3
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2017-07-21.Factsheet-3.pdf

Project ID: 12CBCP037M
File Name: 2017-07-21.Translated_Factsheet-3
URL: http://www.nyc.gov/html/oer/downloads/pdf/repository/NYCBCP_Manhattan/12CBCP037M/2017-07-21.Translated_Factsheet-3.pdf

468
SE
1/2-1
0.533 mi.
2814 ft.

CON EDISON - EAST 108TH ST. STATION MGP
108TH ST. WEST OF FIRST AVE.
NEW YORK, NY 10029

EDR MGP 1008407980
N/A

Relative:
Lower
Actual:
9 ft.

Manufactured Gas Plants:
No additional information available

469
ESE
1/2-1
0.685 mi.
3615 ft.

CON EDISON - EAST 115TH ST. WORKS MGP
EAST 114TH - EAST 116TH STS.
NEW YORK, NY 10029

EDR MGP 1008407982
N/A

Relative:
Lower
Actual:
9 ft.

Manufactured Gas Plants:
No additional information available

470
South
1/2-1
0.741 mi.
3912 ft.

CON EDISON - EAST 99TH ST. WORKS MGP
EAST 98TH - EAST 99TH STS.
NEW YORK, NY 10029

EDR MGP 1008407990
N/A

Relative:
Lower
Actual:
14 ft.

Manufactured Gas Plants:
No additional information available

Count: 10 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MANHATTAN	S108146260	CONED, MANHATTAN COKING	110TH STREET	10025	NY HSWDS
NEW YORK	S108239544	CE - E. 108TH ST. STATION	108TH ST. WEST OF FIRST AVE.	10029	NY VCP
NEW YORK	S108239562	CE - E. 111TH ST. WORKS	EAST 110TH - EAST 112TH STS.	10029	NY VCP
NEW YORK	S108239563	CE - E. 115TH ST. MGP	EAST 114TH - EAST 116TH STS.	10029	NY VCP
NEW YORK	S105684671	CE - E. 11TH ST. MGP	EAST 11TH - EAST 13TH STS.	10029	NY VCP
NEW YORK	S113917049	1ST AVENUE AND EAST 90TH STREET	1ST AVENUE AND EAST 90TH STREE	10128	NY SHWS
NEW YORK	S108984505	CE - E. 99TH ST. WORKS	EAST 98TH - EAST 99TH STS.	10029	NY VCP
NEW YORK CITY	S113916742	PLEASANT AVENUE PLUME TRACKDOWN	PLEASANT AVENUE	10029	NY SHWS
NEW YORK COUNTY	S109208061	208153; MADISON AVE	MADISON AVE		NY Spills
NEW YORK COUNTY	S109207928	206392; MADISON AVE	MADISON AVE		NY Spills

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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	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 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/21/2018
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 01/05/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 04/16/2018
	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 known 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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2018
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/06/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2018
	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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (212) 637-3660
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (212) 637-3660
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (212) 637-3660
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	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: 12/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/26/2017	Telephone: (212) 637-3660
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/09/2018
	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: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 02/09/2018
Number of Days to Update: 94	Next Scheduled EDR Contact: 05/28/2018
	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: 11/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/27/2017	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/11/2018
	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: 11/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/27/2017	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 02/27/2018
Number of Days to Update: 74	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/18/2017

Date Data Arrived at EDR: 09/21/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

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: 08/15/2017

Date Data Arrived at EDR: 08/17/2017

Date Made Active in Reports: 10/24/2017

Number of Days to Update: 68

Source: Department of Environmental Conservation

Telephone: 518-402-9622

Last EDR Contact: 02/14/2018

Next Scheduled EDR Contact: 05/28/2018

Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

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: 01/02/2018

Next Scheduled EDR Contact: 04/16/2018

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017

Date Data Arrived at EDR: 07/27/2017

Date Made Active in Reports: 10/06/2017

Number of Days to Update: 71

Source: EPA Region 7

Telephone: 913-551-7003

Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018

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: 04/26/2017

Date Data Arrived at EDR: 07/27/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 78

Source: EPA, Region 5

Telephone: 312-886-7439

Last EDR Contact: 01/23/2018

Next Scheduled EDR Contact: 05/07/2018

Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Semi-Annually

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: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/25/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 05/01/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
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: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

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: 10/31/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 11/02/2017
Number of Days to Update: 2

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

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: 12/22/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 01/29/2018
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: No Update Planned

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

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

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: 12/22/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 01/29/2018
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/22/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 01/29/2018
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 12/22/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 01/29/2018
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: No Update Planned

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

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 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: 04/25/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

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: 04/13/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 78

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

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: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	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: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 05/07/2018
	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: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	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: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	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: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TANKS: Storage Tank Facility 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: 12/22/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 12/26/2017	Telephone: 518-402-9543
Date Made Active in Reports: 01/29/2018	Last EDR Contact: 12/26/2017
Number of Days to Update: 34	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

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	Source: NYC Department of City Planning
Date Data Arrived at EDR: 06/30/2014	Telephone: 212-720-3401
Date Made Active in Reports: 07/21/2014	Last EDR Contact: 12/22/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Varies

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: 06/27/2017	Source: New York City Department of City Planning
Date Data Arrived at EDR: 09/21/2017	Telephone: 212-720-3300
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 12/18/2017
Number of Days to Update: 1	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/15/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/17/2017	Telephone: 518-402-9553
Date Made Active in Reports: 10/24/2017	Last EDR Contact: 02/14/2018
Number of Days to Update: 68	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/15/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/17/2017	Telephone: 518-402-9553
Date Made Active in Reports: 10/24/2017	Last EDR Contact: 02/14/2018
Number of Days to Update: 68	Next Scheduled EDR Contact: 05/28/2018
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/20/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

VCP NYC: Voluntary Cleanup Program Listing NYC New York City voluntary cleanup program sites.

Date of Government Version: 10/04/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 38

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 12/15/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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: 08/15/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 10/24/2017
Number of Days to Update: 68

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

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: 08/15/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 10/24/2017
Number of Days to Update: 68

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Semi-Annually

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: 08/15/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 10/24/2017
Number of Days to Update: 68

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/19/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-566-2777
Date Made Active in Reports: 02/09/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/08/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/02/2018	Telephone: 518-402-8705
Date Made Active in Reports: 01/31/2018	Last EDR Contact: 01/02/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 12/12/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 12/14/2017	Telephone: 518-402-8694
Date Made Active in Reports: 01/31/2018	Last EDR Contact: 03/07/2018
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/25/2018
	Data Release Frequency: No Update Planned

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/30/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/14/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
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 Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 02/02/2018
Next Scheduled EDR Contact: 05/14/2018
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: 01/19/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/15/2017
Date Data Arrived at EDR: 08/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Annually

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: 01/09/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 16

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/27/2018
Next Scheduled EDR Contact: 06/11/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 11/06/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 6

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 02/05/2018
Next Scheduled EDR Contact: 05/21/2018
Data Release Frequency: Quarterly

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: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
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: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 22

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

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: 10/31/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 11/02/2017
Number of Days to Update: 2

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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: 12/11/2017
Date Data Arrived at EDR: 12/26/2017
Date Made Active in Reports: 02/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
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: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
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: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/11/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/22/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 02/16/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/28/2018
	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: 01/11/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-566-1917
Date Made Active in Reports: 03/02/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/09/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 01/31/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/21/2018
	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: 04/22/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2015	Telephone: 703-308-4044
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 02/08/2018
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/21/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/22/2017
Number of Days to Update: 198	Next Scheduled EDR Contact: 04/02/2018
	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	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/23/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 06/04/2018
	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	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/25/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/07/2018
	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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 703-416-0223
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 03/09/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2017	Telephone: 202-564-8600
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/07/2018
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/06/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/21/2018
	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	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/12/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 04/23/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/23/2018
	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: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
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: 03/09/2018
Next Scheduled EDR Contact: 06/18/2018
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: 03/06/2018
Next Scheduled EDR Contact: 06/18/2018
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: 01/26/2018
Next Scheduled EDR Contact: 05/07/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/02/2017
Date Data Arrived at EDR: 10/05/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/16/2018
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 Transportation, 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 Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/14/2018
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: 09/30/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/02/2018
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: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
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: 01/19/2018
Next Scheduled EDR Contact: 05/21/2018
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: 02/23/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/09/2018
Date Data Arrived at EDR: 02/06/2018
Date Made Active in Reports: 03/02/2018
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/06/2018
Next Scheduled EDR Contact: 05/21/2018
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 1931 and 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/29/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/28/2018
Next Scheduled EDR Contact: 06/11/2018
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: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
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: 03/02/2018
Next Scheduled EDR Contact: 06/11/2018
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: 09/25/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 24

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/07/2018
Next Scheduled EDR Contact: 06/25/2018
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: 07/23/2017	Source: EPA
Date Data Arrived at EDR: 09/06/2017	Telephone: (212) 637-3000
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 02/23/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/02/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/30/2018
	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: 01/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-2280
Date Made Active in Reports: 03/02/2018	Last EDR Contact: 03/07/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/18/2018
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/27/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2017	Telephone: 202-564-0527
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 03/02/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/11/2018
	Data Release Frequency: Varies

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: 11/20/2017	Source: EPA
Date Data Arrived at EDR: 11/20/2017	Telephone: 800-385-6164
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/21/2018
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/04/2018
	Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 11/06/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/07/2017	Telephone: 518-402-8452
Date Made Active in Reports: 11/13/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 09/25/2017

Date Data Arrived at EDR: 09/26/2017

Date Made Active in Reports: 10/12/2017

Number of Days to Update: 16

Source: Department of Environmental Conservation

Telephone: 518-402-8660

Last EDR Contact: 01/02/2018

Next Scheduled EDR Contact: 04/16/2018

Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 11/22/2017

Date Data Arrived at EDR: 12/14/2017

Date Made Active in Reports: 01/29/2018

Number of Days to Update: 46

Source: Department of Environmental Conservation

Telephone: 518-402-8403

Last EDR Contact: 03/07/2018

Next Scheduled EDR Contact: 06/25/2018

Data Release Frequency: Annually

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: 10/31/2017

Date Data Arrived at EDR: 12/20/2017

Date Made Active in Reports: 01/29/2018

Number of Days to Update: 40

Source: New York City Department of City Planning

Telephone: 718-595-6658

Last EDR Contact: 12/18/2017

Next Scheduled EDR Contact: 04/02/2018

Data Release Frequency: Semi-Annually

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: 01/02/2018

Next Scheduled EDR Contact: 04/16/2018

Data Release Frequency: Quarterly

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: 03/09/2017

Date Data Arrived at EDR: 04/12/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 184

Source: Department of Environmental Conservation

Telephone: 518-402-8712

Last EDR Contact: 03/07/2018

Next Scheduled EDR Contact: 06/25/2018

Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2017
Date Data Arrived at EDR: 01/31/2018
Date Made Active in Reports: 03/09/2018
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/31/2018
Next Scheduled EDR Contact: 05/14/2018
Data Release Frequency: Quarterly

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: 10/25/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/28/2017
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 03/14/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: No Update Planned

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: 05/01/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 127

Source: Department of Environmental Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/15/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 12/03/2017
Date Data Arrived at EDR: 12/06/2017
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 56

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 03/08/2018
Next Scheduled EDR Contact: 06/18/2018
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 09/26/2017	Source: Cortland County Health Department
Date Data Arrived at EDR: 11/20/2017	Telephone: 607-753-5035
Date Made Active in Reports: 11/29/2017	Last EDR Contact: 01/29/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 09/26/2017	Source: Cortland County Health Department
Date Data Arrived at EDR: 11/20/2017	Telephone: 607-753-5035
Date Made Active in Reports: 11/29/2017	Last EDR Contact: 01/29/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017	Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 01/29/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: No Update Planned

Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 01/29/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Varies

Registered Tank Database in Nassau County

A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017	Source: Nassau County Department of Health
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-227-9691
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 01/29/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017	Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 01/29/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/14/2018
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018

Data Release Frequency: Varies

ROCKLAND COUNTY:

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: 03/01/2018

Next Scheduled EDR Contact: 06/18/2018

Data Release Frequency: Quarterly

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: 03/01/2018

Next Scheduled EDR Contact: 06/18/2018

Data Release Frequency: Quarterly

SUFFOLK COUNTY:

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: 02/23/2018

Next Scheduled EDR Contact: 05/14/2018

Data Release Frequency: No Update Planned

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: 02/23/2018

Next Scheduled EDR Contact: 05/14/2018

Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 10/19/2017

Date Data Arrived at EDR: 11/21/2017

Date Made Active in Reports: 11/29/2017

Number of Days to Update: 8

Source: Westchester County Department of Health

Telephone: 914-813-5161

Last EDR Contact: 01/29/2018

Next Scheduled EDR Contact: 05/14/2018

Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 10/19/2017
Date Data Arrived at EDR: 11/21/2017
Date Made Active in Reports: 11/29/2017
Number of Days to Update: 8

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 01/29/2018
Next Scheduled EDR Contact: 05/14/2018
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: 11/11/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 34

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/14/2018
Next Scheduled EDR Contact: 05/28/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/05/2018
Next Scheduled EDR Contact: 04/23/2018
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: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/21/2018
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 01/12/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 02/13/2018
Number of Days to Update: 25

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/12/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016

Date Data Arrived at EDR: 04/13/2017

Date Made Active in Reports: 07/14/2017

Number of Days to Update: 92

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/08/2018

Next Scheduled EDR Contact: 06/25/2018

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

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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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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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APPENDIX C

Freedom of Information Law Letters and Responses



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.

Julie Moriarity

Name 209 Shafter Street

Address Islandia, NY 11749

State

Zip Code

631-232-2600

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

1681 Madison Avenue

Manhattan

House Number

Street Name

Borough

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

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

PR3 (July-08)



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 TEXT SIZE: [A](#) [A](#) [A](#)
[Home](#)
Customer Services

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

Water Utilities

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

The Watershed

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

Citywide Initiatives

- [Environmental Education](#)
- [Conservation Programs](#)
- [Air Pollution Control](#)
- [Noise Codes & Complaints](#)

Business and Professionals

- [Forms & Permits](#)
- [Support for Businesses](#)
- [Doing Business with DEP](#)
- [Asbestos Abatement](#)
- [Construction, Demolition & Abatement](#)

About DEP

- [Inside DEP](#)
- [News](#)
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- [Careers at DEP](#)
- [Environmental Reviews](#)
- [Interagency MOUs](#)
- [A to Z Index](#)
- [Contact Us](#)

Dear Sir or Madam

We hereby acknowledge receipt of your Freedom of Information Law ("FOIL") request. Your request is important to us and will be handled as expeditiously as possible. Please be advised however, that because of the large volume of pending complex FOIL requests handled by the Department of Environmental Protection ("DEP"), and the available staffing, your response is anticipated to take between 60–90 days from the date of this acknowledgement.

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

Sincerely,

Records Access Officer

My DEP Account and Online Bill Pay
New Payment Options Water Charges
Reservoir Levels

Current: 92.3%
Normal: 92.8%

Customer Assistance

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



NEW YORK CITY DEPARTMENT OF HEALTH AND
MENTAL HYGIENE

For office use only

CONTROL NUMBER:

FREEDOM OF INFORMATION LAW REQUEST FORM

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

Date ____ / ____ / ____

Dear Record Access Officer:

I, _____ request copies of any inspection reports and/or records located in
the Bureau of _____, of the New York City
Department of Health and Mental Hygiene.

The records pertain to:

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

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

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

Requester's Name: _____
(Please print) (Signature)

Requester's Organization: _____

Requester's Address: _____
Street City State Zip code

Telephone Number: (____) _____ - _____ E-mail: _____

Menu



FOIL Request Main Page

I want to... ▼

Contact E-Mail: jmoriarity@rouxinc.com**Reference No:** W033843-032018**Status:** Processing**Type of Record(s) Requested:** Other

Description of Record(s) Requested: Request for files from the following departments: remediation, environmental permits, vapor intrusion and hazardous materials for a Site that is located on the western side of Madison Avenue, between East 111th and East 112th Streets in the East Harlem section of Manhattan, New York, only 1681 Madison Avenue is on file as the address. The following tax lots/blocks are associated with the Site: Tax Lots 20, 22, 23, 25, 28, 29, 31, 33, 35, 37, 38, 39, 40, 41, 42, 43, 45, 46, 48, 50, 51, 52, 53, 54, 121 and 122 of Tax Block 1617

NYSDEC Office processing the Request: Region 2: (New York City) Covers the counties of: Brooklyn, Bronx, Manhattan, Queens and Staten Island

If your request pertains to just one Region, select that Region. If your request pertains to more than one Region, select Central Office. If you're unsure which Region your request pertains to, select Central Office. The Department will route your request to the appropriate Region(s)

Preferred Method to Receive Records: Electronic copies

NYSDEC will use its best efforts to provide records via the method you select.

However, in some cases a particular delivery method is not feasible. In such cases NYSDEC will deliver the records via an alternative method

Please note not all public documents are available in electronic format. If the document(s) requested are not available electronically, we will make them available for inspection or by paper copy in accordance with the Public Records Law.

[New Message](#)[Cancel](#)

Messages 2

✓ ☒ On 3/20/2018 1:42:07 PM, New York DEC Support wrote:

Dear Julie:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 3/20/2018 and given the reference number FOIL #W033843-032018 for tracking purposes. You may expect the Department's response to your request no later than **4/17/2018**.

Record Requested: **Request for files from the following departments: remediation, environmental permits, vapor intrusion and hazardous materials for a Site that is located on the western side of Madison Avenue, between East 111th and East 112th Streets in the East Harlem section of Manhattan, New York, only 1681 Madison Avenue is on file as the address. The following tax lots/blocks are associated with the Site: Tax Lots 20, 22, 23, 25, 28, 29, 31, 33, 35, 37, 38, 39, 40, 41, 42, 43, 45, 46, 48, 50, 51, 52, 53, 54, 121 and 122 of Tax Block 1617**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

Track the issue status and respond at:

https://mycusthelp.com/NEWYORKDEC/_rs/RequestEdit.aspx?rid=33843

> ☐ On 3/20/2018 1:42:02 PM, Julie Moriarity wrote:



Preview Request

Agency Selection

Agency : Environmental Protection Agency
Sub-Agency : Region 2

Request Type Selection

Request FOIA
Type :

Contact Information

Prefix :	Mailing Address Location : United
First Name : Julie	States/U.S. Territories
Middle Initial :	Address Line 1 : 209
Last Name :	Shafter
Moriarity	Street
Organization : Roux	Address Line 2 :
Email Address :	City : Islandia
jmoriarity@rouxinc.com	State/Province : New
Phone Number : 631-	York
232-	Zip Code/Postal Code : 11749
2600	
Fax Number :	

Processing Fees

Will Pay Up To : \$ 25.00

Description :

Request to review documents maintained by the TWA, TSCA, CSA, CWA, RCRA, FIFRA and SUPR departments of the USEPA for the property located 1681 Madison Avenue,

occupying Tax Lots Tax Lots 20, 22, 23, 25, 28, 29, 31, 33, 35, 37, 38, 39, 40, 41, 42, 43, 45, 46, 48, 50, 51, 52, 53, 54, 121 and 122 of Tax Block 1617.

Request a Fee Waiver

Make Request ? No

Request Expedited Handling

Make Request ? No

Attach Supporting Files

No attachments were previously added.

- ☒ Agree to [Privacy Act Statement](#). I have read the Privacy Act Statement and agree to the terms set forth.
- ☒ Affirmation. Pursuant to 28 USC § 1746, I declare and affirm that under penalty of perjury under the laws of the United States of America that all of the foregoing information, statements, and signatures submitted in connection with this request and in any supporting documents are true and correct to the best of my knowledge.

APPENDIX D

Certified Sanborn Fire Insurance Maps



Sendero

E 112th Street

New York, NY 10029

Inquiry Number: 5042077.3

September 06, 2017

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

09/06/17

Site Name:

Sendero
E 112th Street
New York, NY 10029
EDR Inquiry # 5042077.3

Client Name:

Roux Associates
209 Shafter Street
Islandia, NY 11749
Contact: Julie Moriarity



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Roux Associates 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 # 4B97-40B4-BB41

PO # NA

Project 2984.0001Y

Maps Provided:

2005	1993	1969
2004	1992	1968
2003	1991	1951
2002	1989	1939
2001	1986	1911
1996	1982	1896
1995	1980	
1994	1979	



Sanborn® Library search results

Certification #: 4B97-40B4-BB41

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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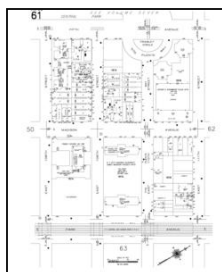
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Sanborn Sheet Key

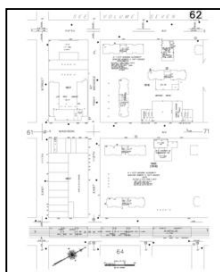
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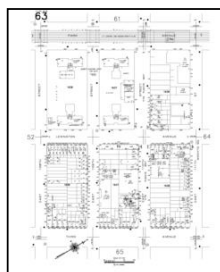
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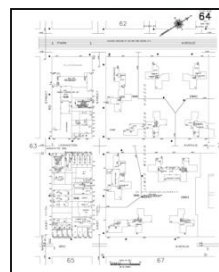
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2005-2006



Volume 8N, Sheet 62
2005-2006

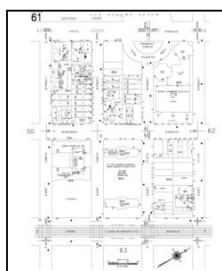


Volume 8N, Sheet 63
2005-2006

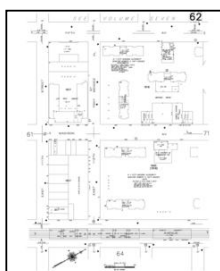


Volume 8N, Sheet 64
2005-2006

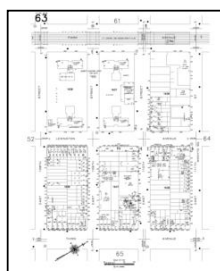
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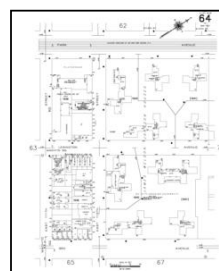
Volume 8N, Sheet 61
2004



Volume 8N, Sheet 62
2004

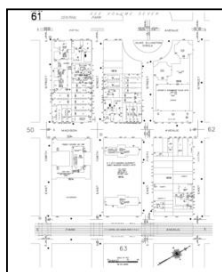


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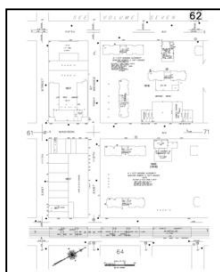


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2004

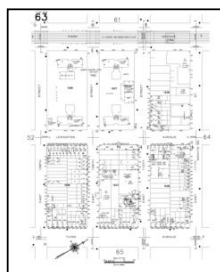
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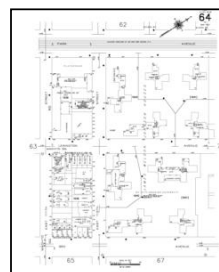
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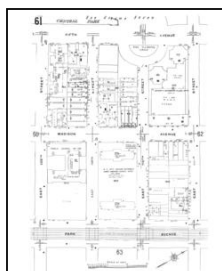


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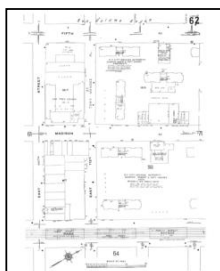


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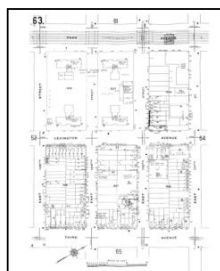
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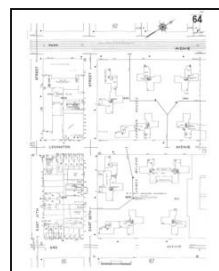
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2002



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2002



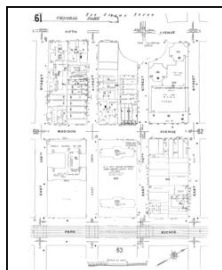
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2002

Sanborn Sheet Key

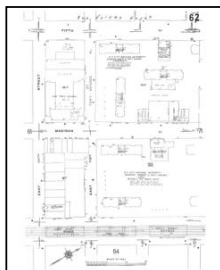
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



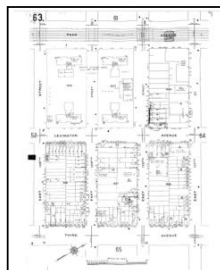
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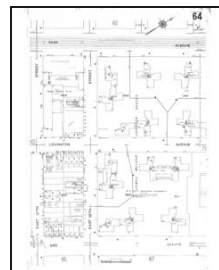
Volume 8N, Sheet 61
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2001



Volume 8N, Sheet 63
2001



Volume 8N, Sheet 64
2001

1996 Source Sheets



Volume 8N, Sheet 63
1996



Volume 8N, Sheet 64
1996



Volume 8N, Sheet 61
1996

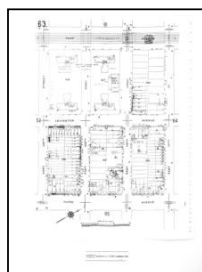


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1995 Source Sheets



Volume 8N, Sheet 62
1995



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1995

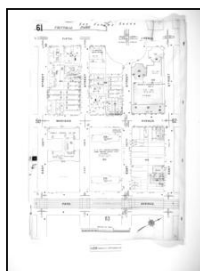


Volume 8N, Sheet 64
1995

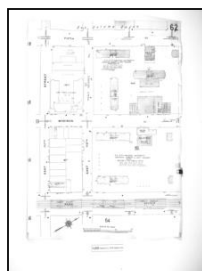


Volume 8N, Sheet 61
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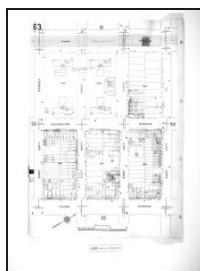
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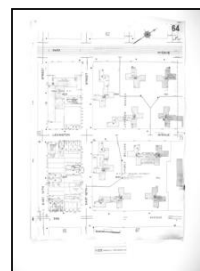
Volume 8N, Sheet 61
1994



Volume 8N, Sheet 62
1994



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1994



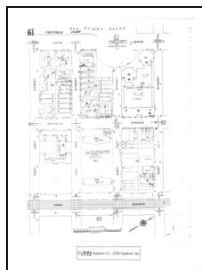
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Sanborn Sheet Key

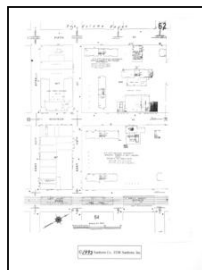
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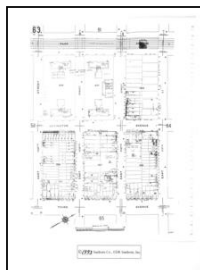
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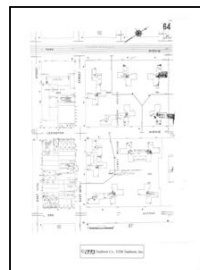
Volume 8N, Sheet 61
1993



Volume 8N, Sheet 62
1993

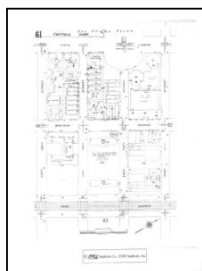


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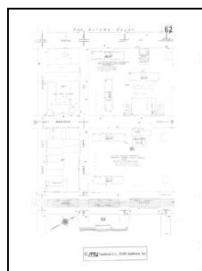


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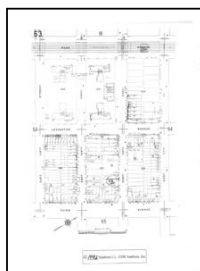
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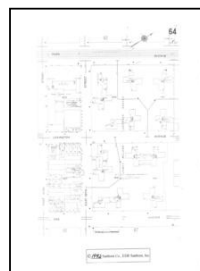
Volume 8N, Sheet 61
1992



Volume 8N, Sheet 62
1992

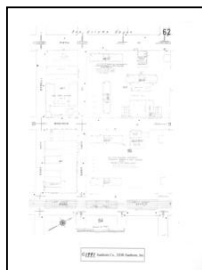


Volume 8N, Sheet 63
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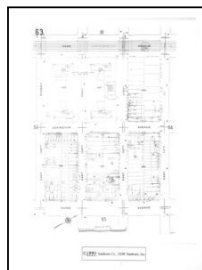


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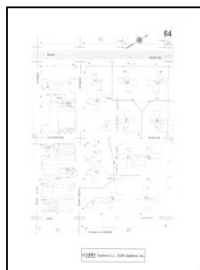
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Volume 8N, Sheet 62
1991



Volume 8N, Sheet 63
1991

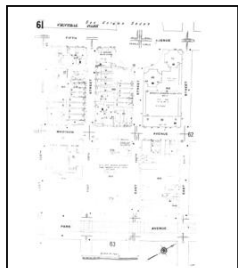


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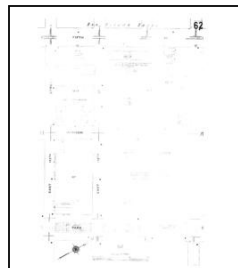


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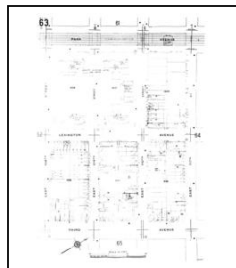
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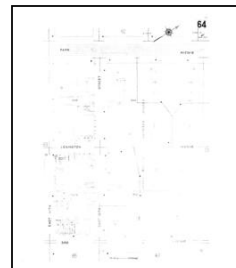
Volume 8N, Sheet 61
1989



Volume 8N, Sheet 62
1989



Volume 8N, Sheet 63
1989



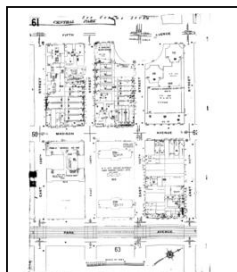
Volume 8N, Sheet 64
1989

Sanborn Sheet Key

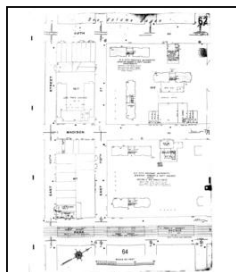
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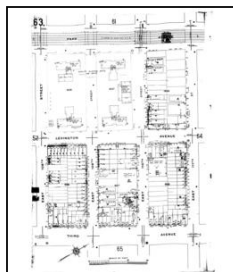
1986 Source Sheets



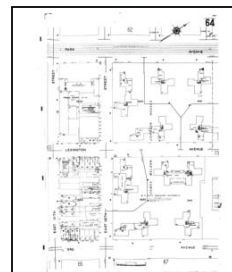
Volume 8N, Sheet 61
1986



Volume 8N, Sheet 62
1986

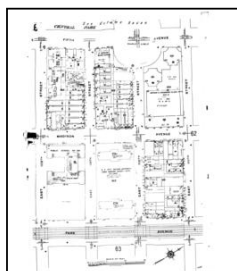


Volume 8N, Sheet 63
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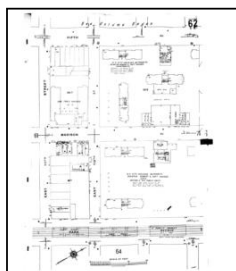


Volume 8N, Sheet 64
1986

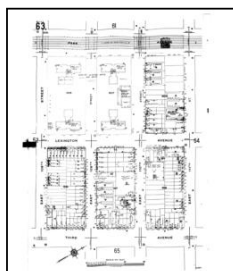
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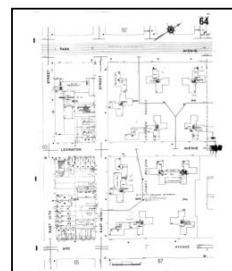
Volume 8N, Sheet 61
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Volume 8N, Sheet 62
1982



Volume 8N, Sheet 63
1982

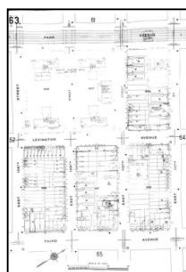


Volume 8N, Sheet 64
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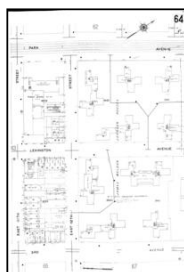
1980 Source Sheets



Volume 8N, Sheet 62
1980



Volume 8N, Sheet 63
1980

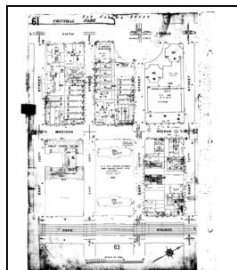


Volume 8N, Sheet 64
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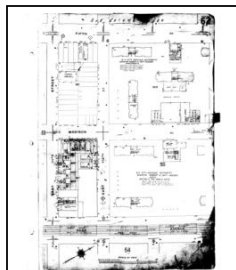


Volume 8N, Sheet 61
1980

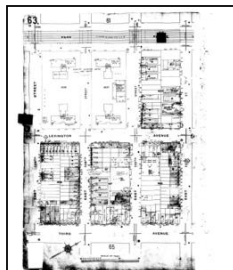
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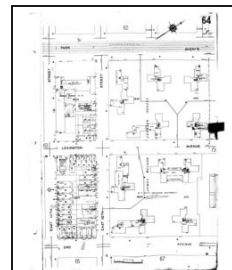
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Volume 8N, Sheet 62
1979



Volume 8N, Sheet 63
1979



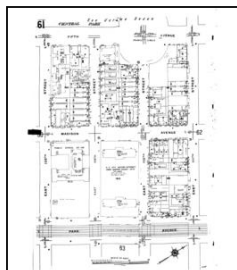
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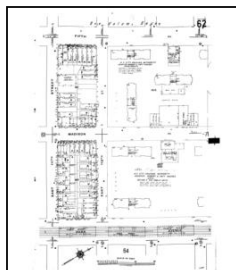
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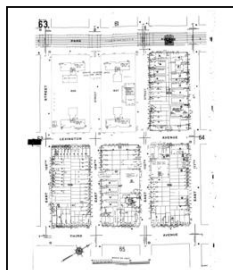
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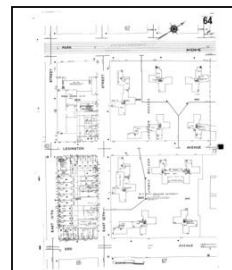
Volume 8N, Sheet 61
1969



Volume 8N, Sheet 62
1969

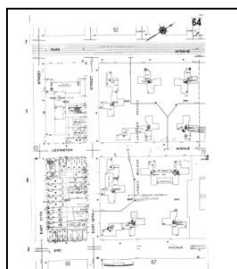


Volume 8N, Sheet 63
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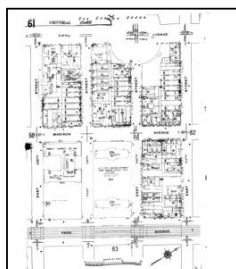


Volume 8N, Sheet 64
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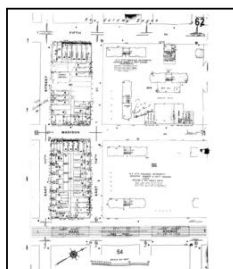
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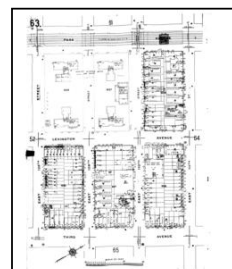
Volume 8N, Sheet 64
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Volume 8N, Sheet 61
1968

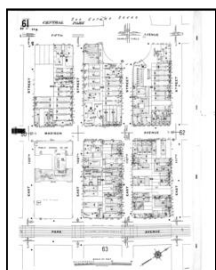


Volume 8N, Sheet 62
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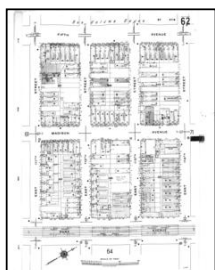


Volume 8N, Sheet 63
1968

1951 Source Sheets



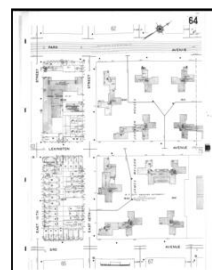
Volume 8N, Sheet 61
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Volume 8N, Sheet 62
1951



Volume 8N, Sheet 63
1951



Volume 8N, Sheet 64
1951

1939 Source Sheets



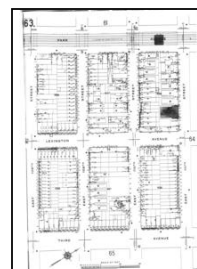
Volume 8N, Sheet 64
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Volume 8N, Sheet 61
1939



Volume 8N, Sheet 62
1939



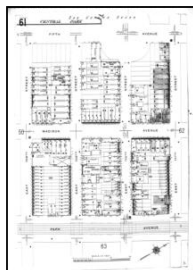
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Sanborn Sheet Key

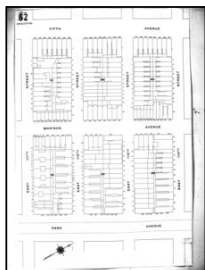
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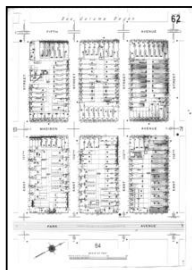
1911 Source Sheets



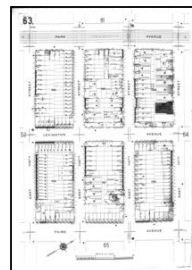
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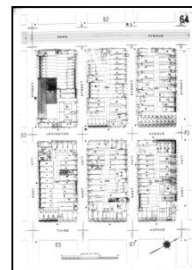
Volume 8N, Sheet 62
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Volume 8N, Sheet 62
1911

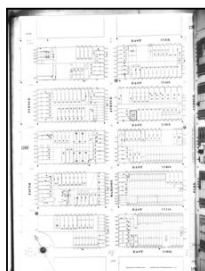


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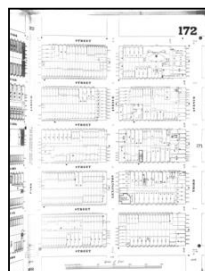


Volume 8N, Sheet 64
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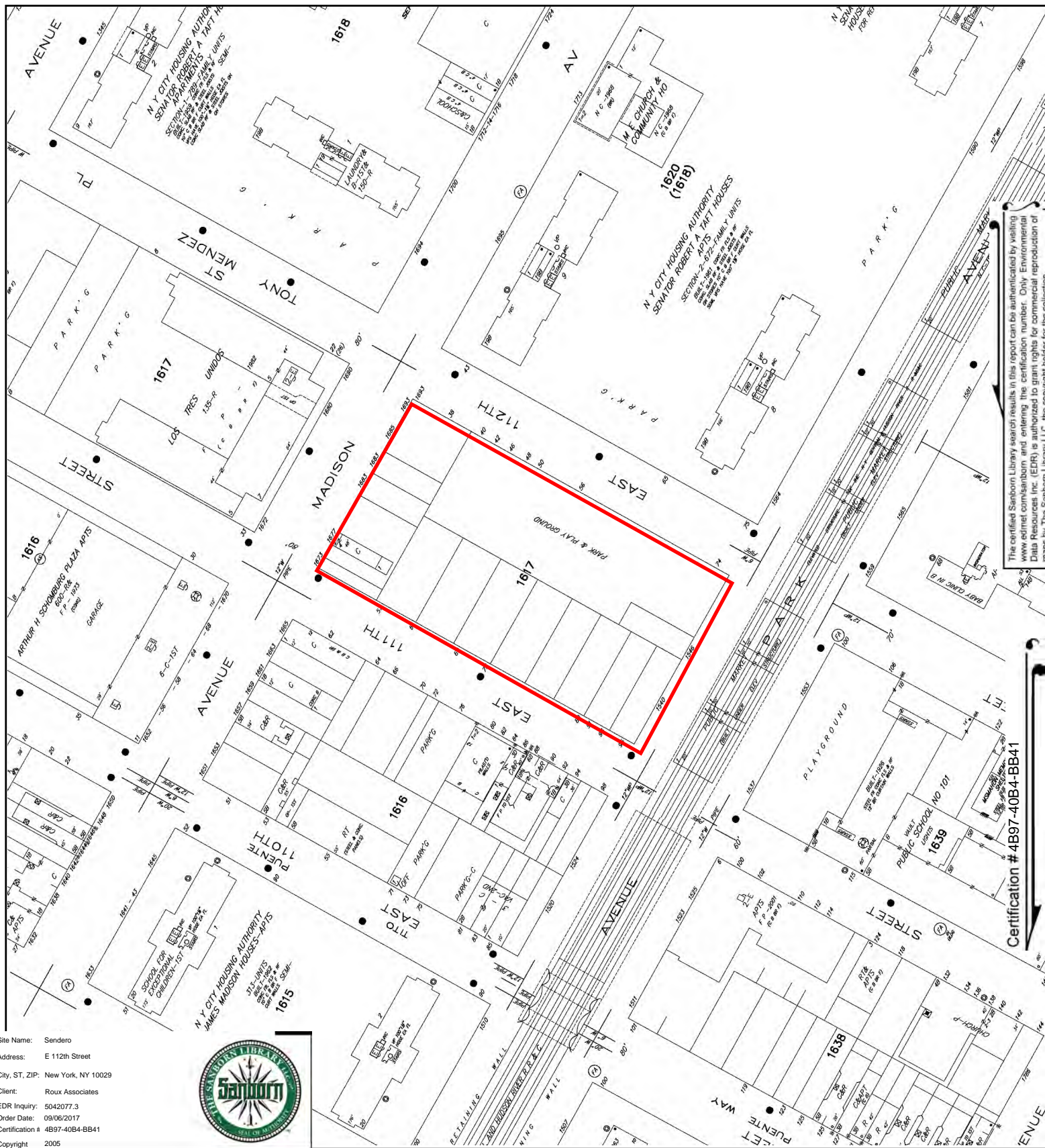
1896 Source Sheets



Volume 8N, Sheet 172
1896



Volume 8N, Sheet 172
1896



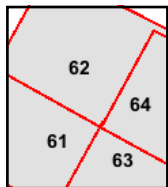
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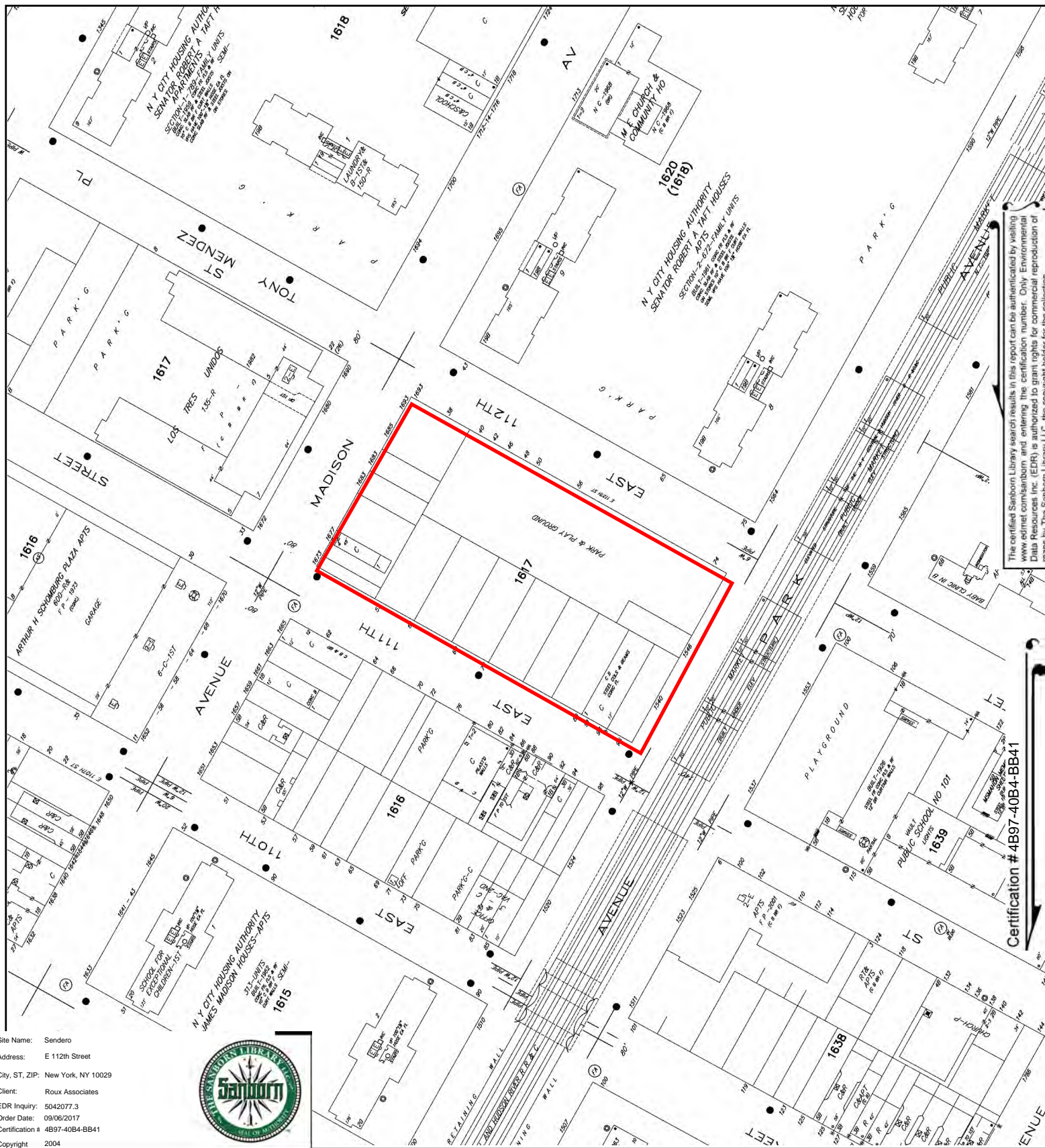


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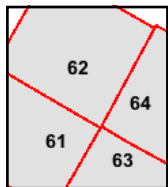
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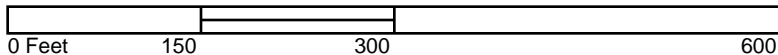
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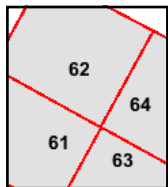
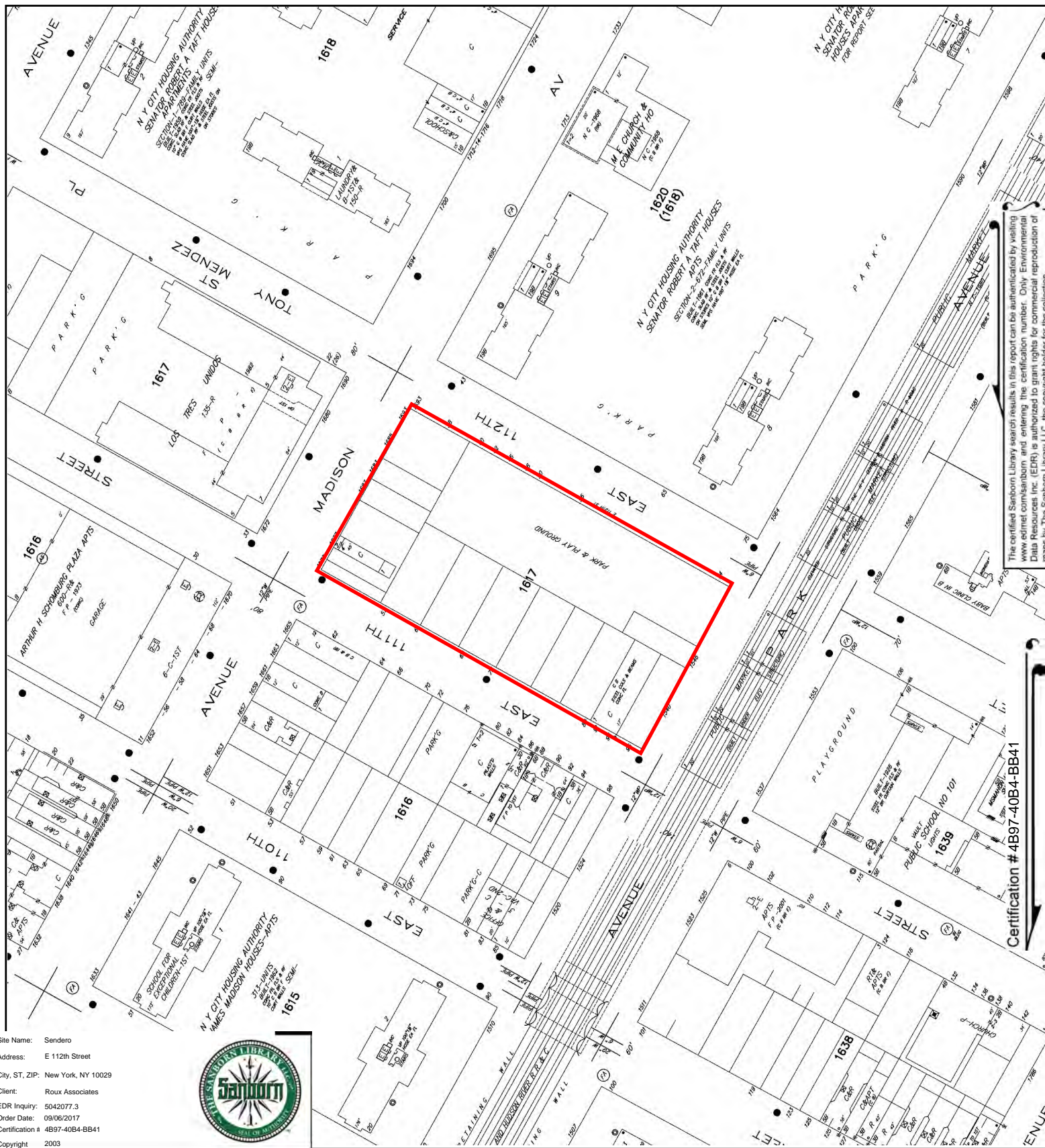


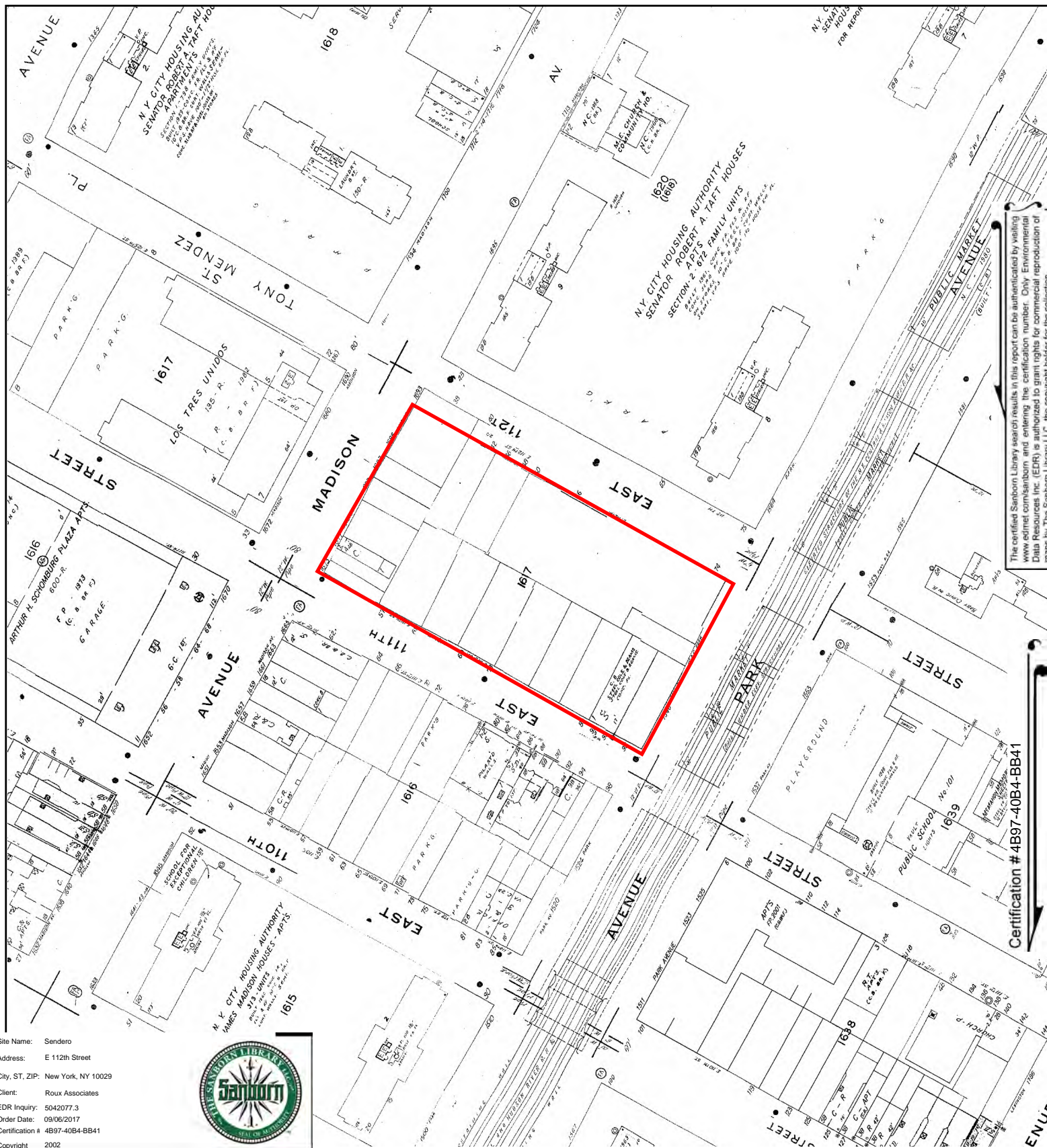
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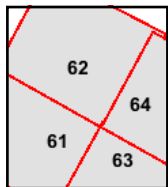
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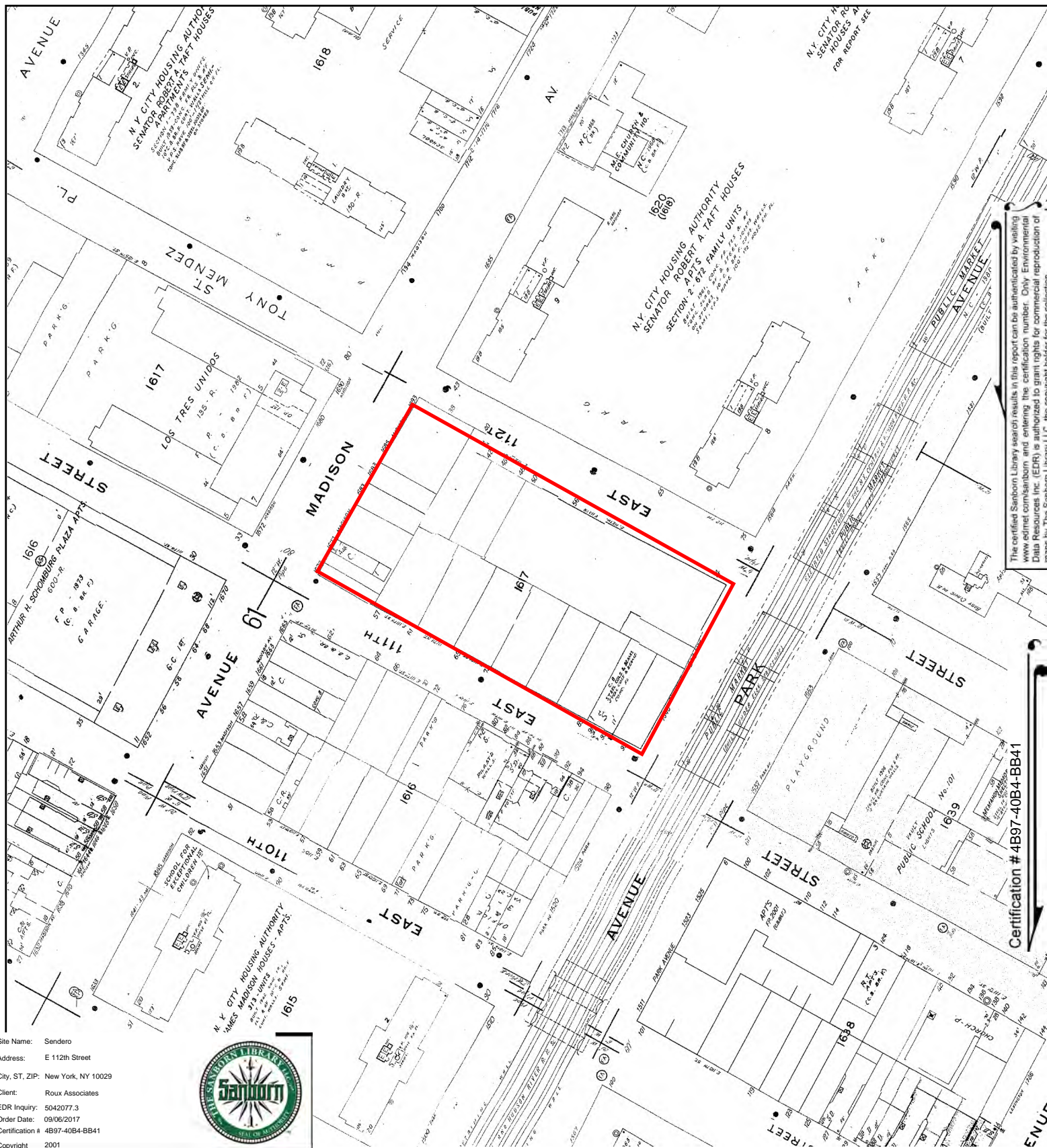


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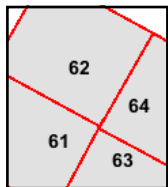


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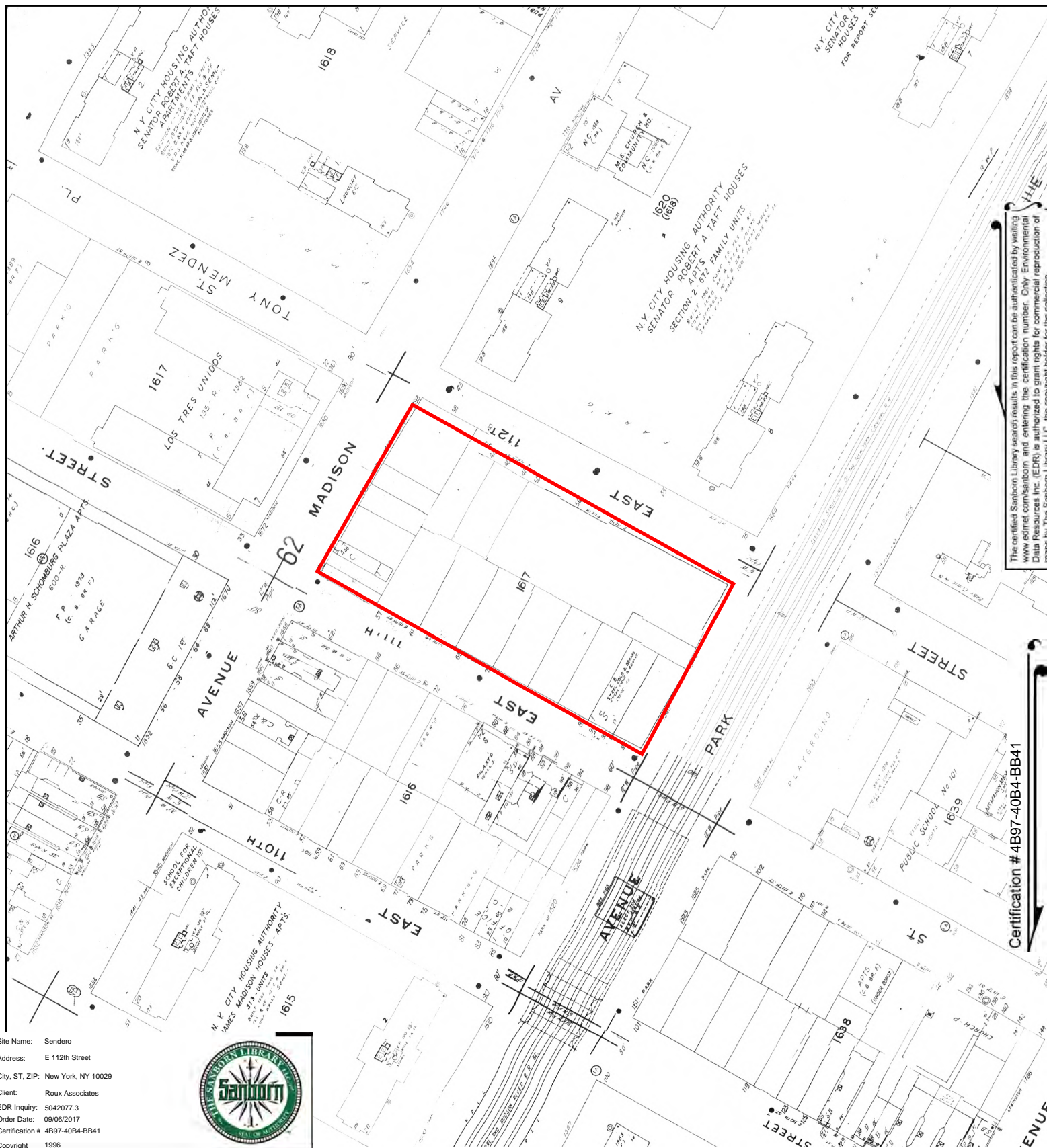




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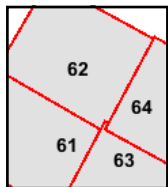
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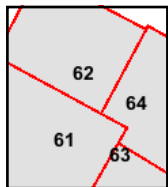
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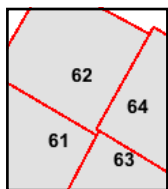
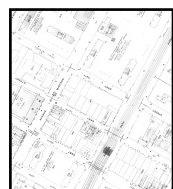
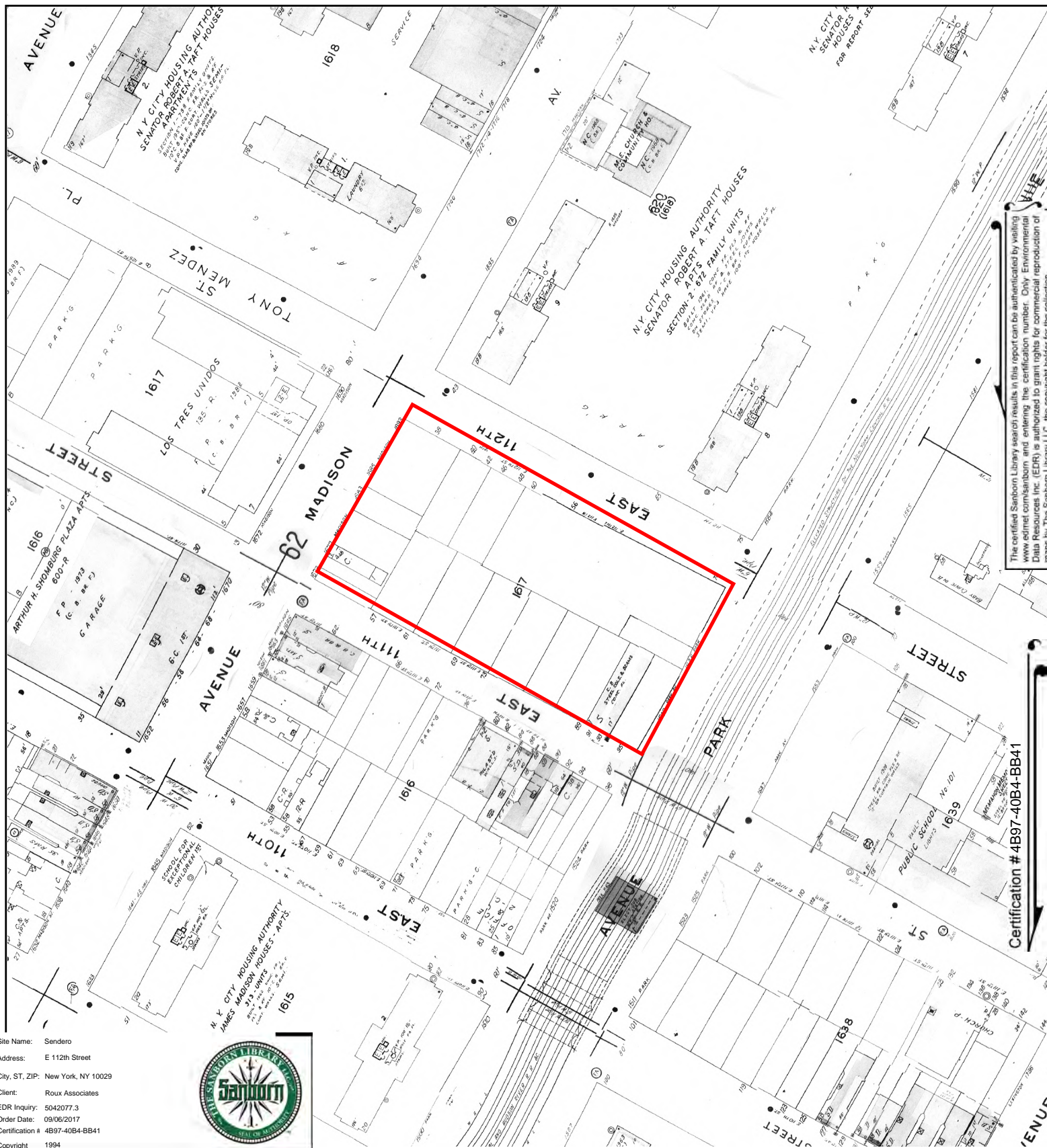
Volume 8N, Sheet 62
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Volume 8N, Sheet 64
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N.



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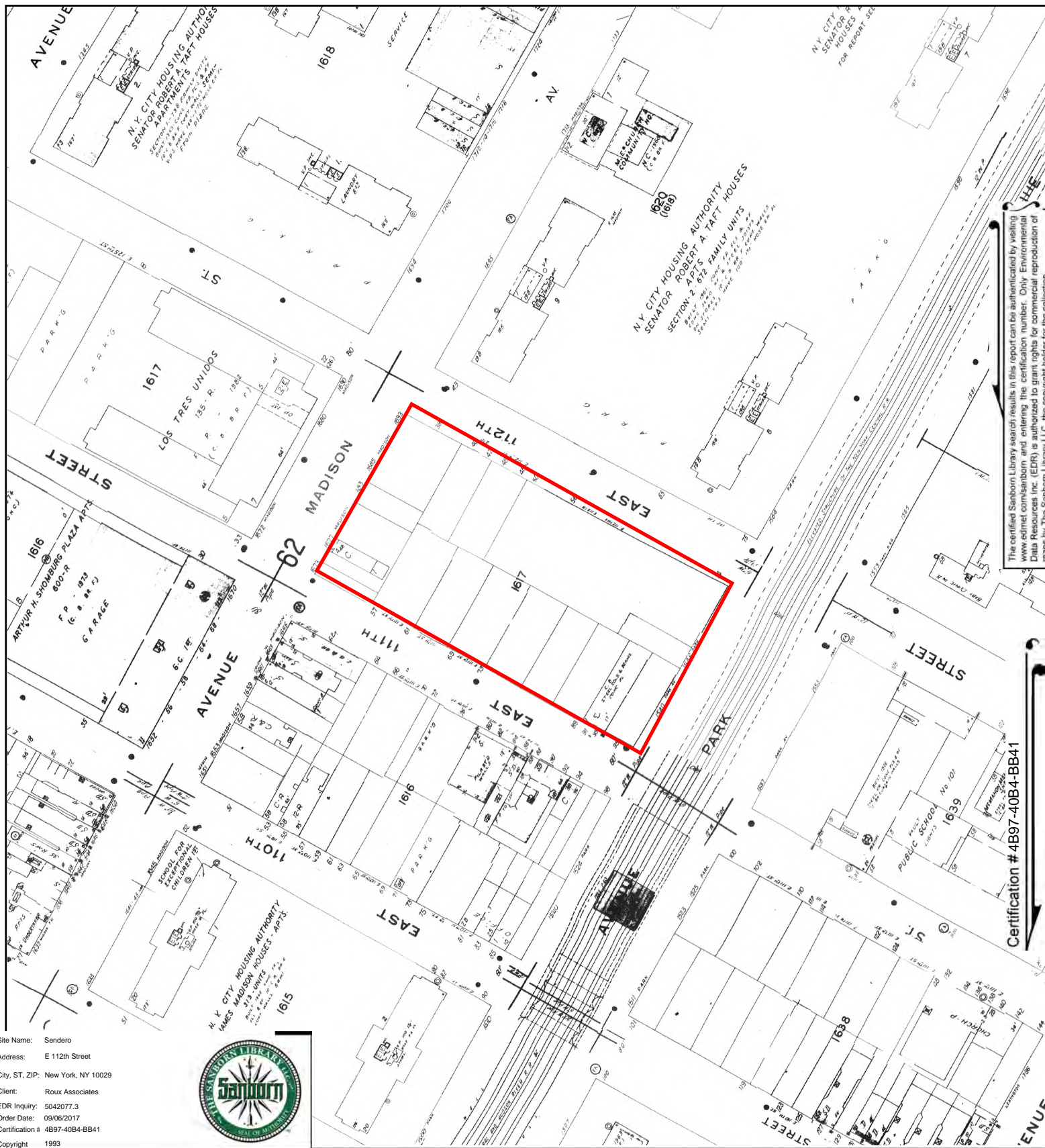


Volume 8N, Sheet 64
Volume 8N, Sheet 63
Volume 8N, Sheet 62
Volume 8N, Sheet 61



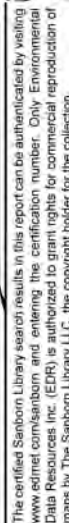
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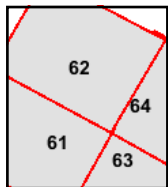
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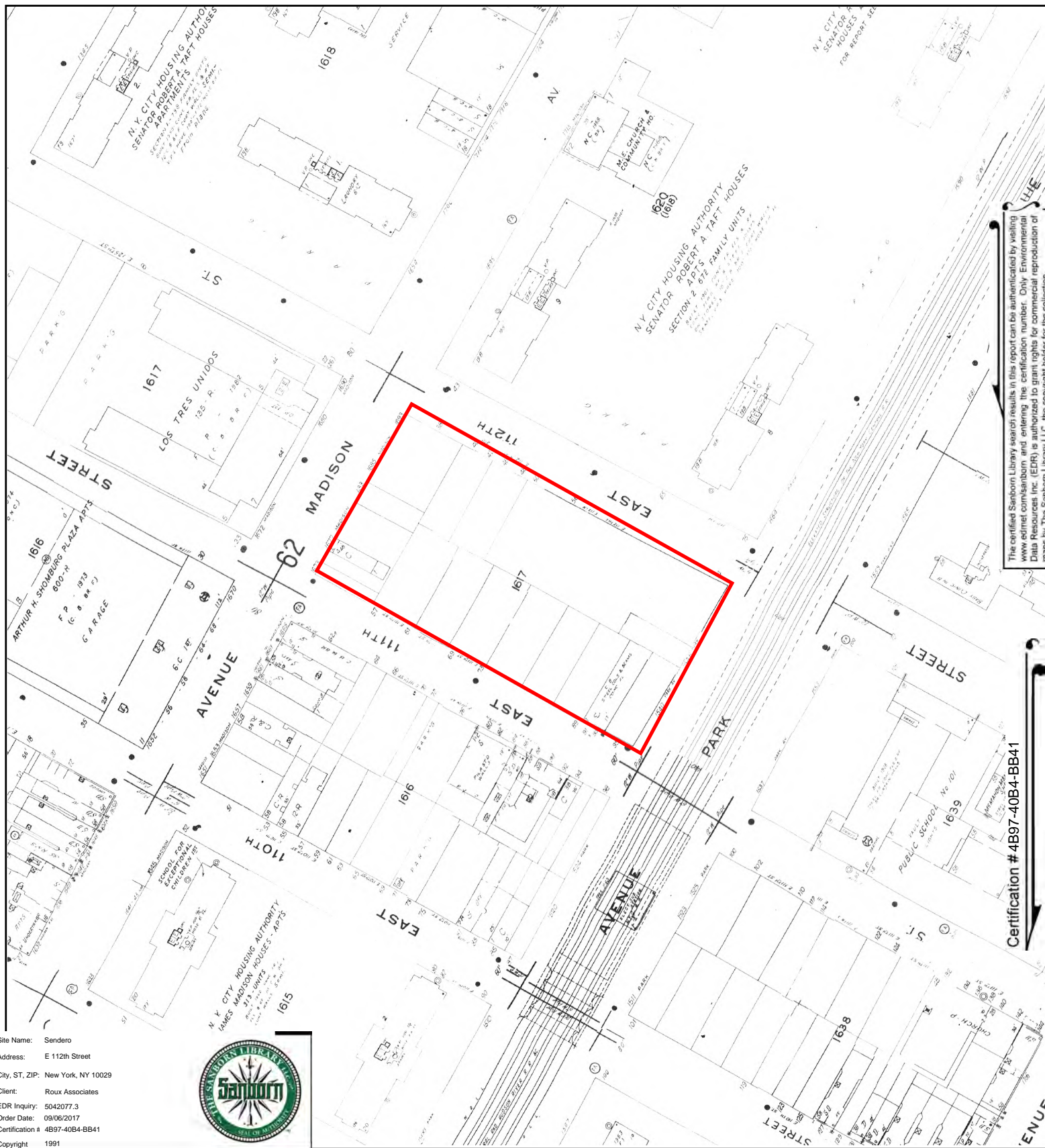
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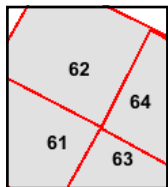
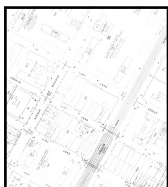
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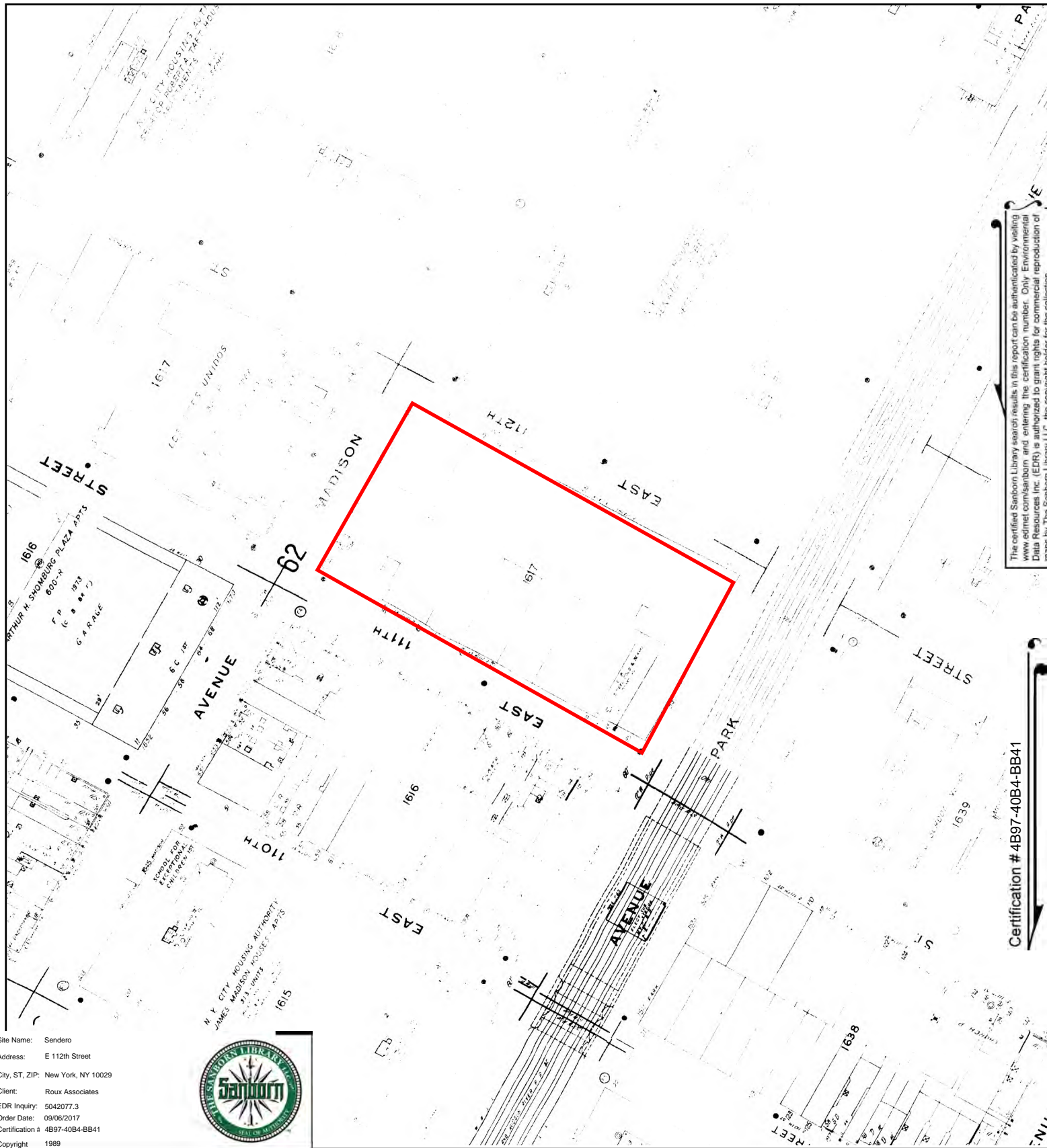
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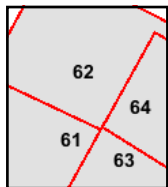
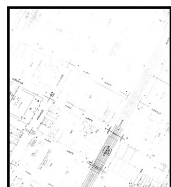
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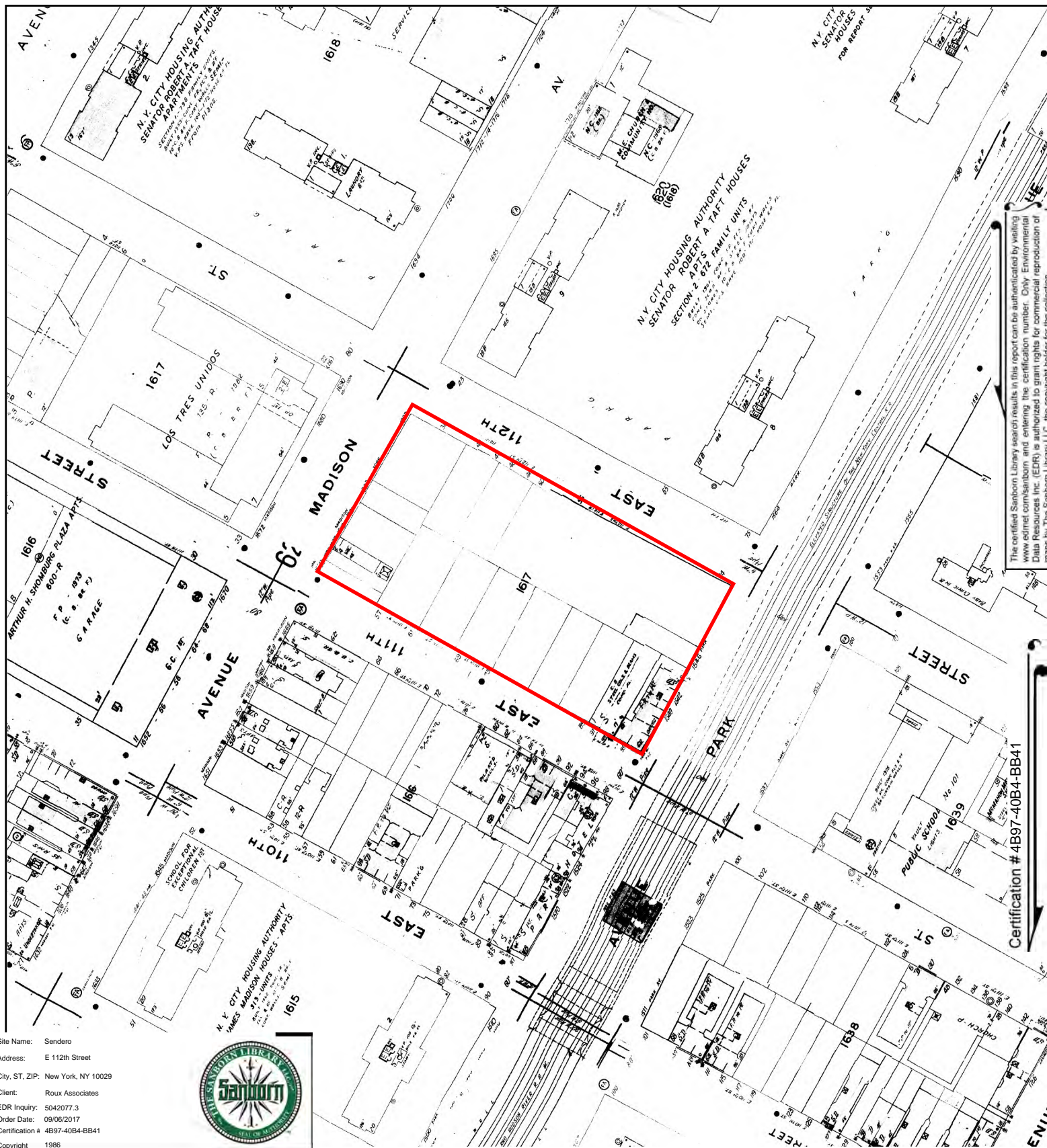
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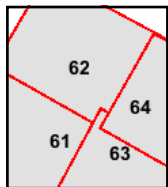
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 Volume 8N, Sheet 62
 Volume 8N, Sheet 61



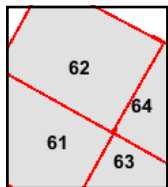
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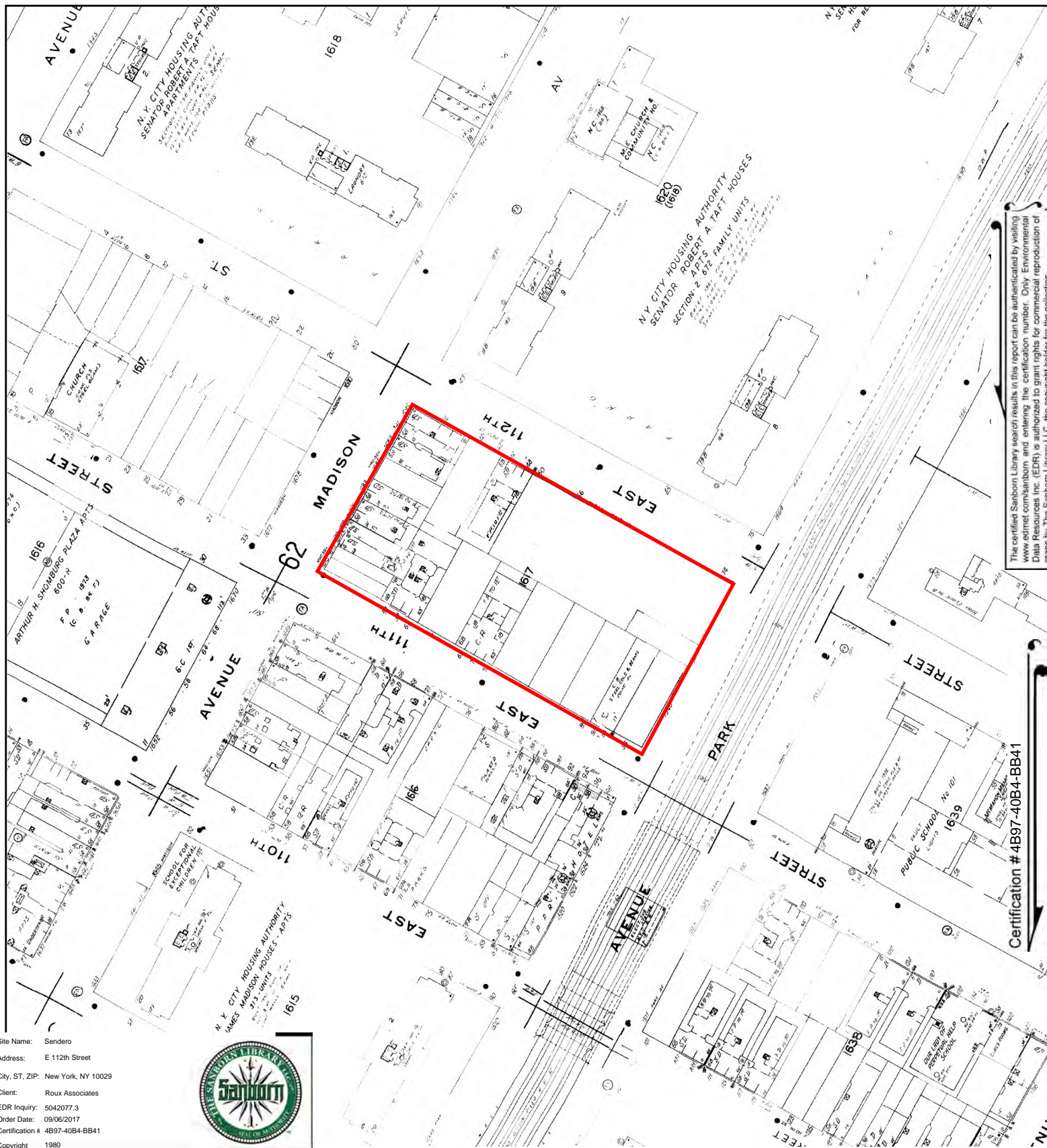
Volume 8N, Sheet 64
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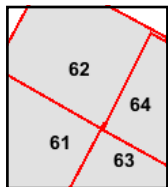


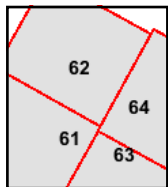
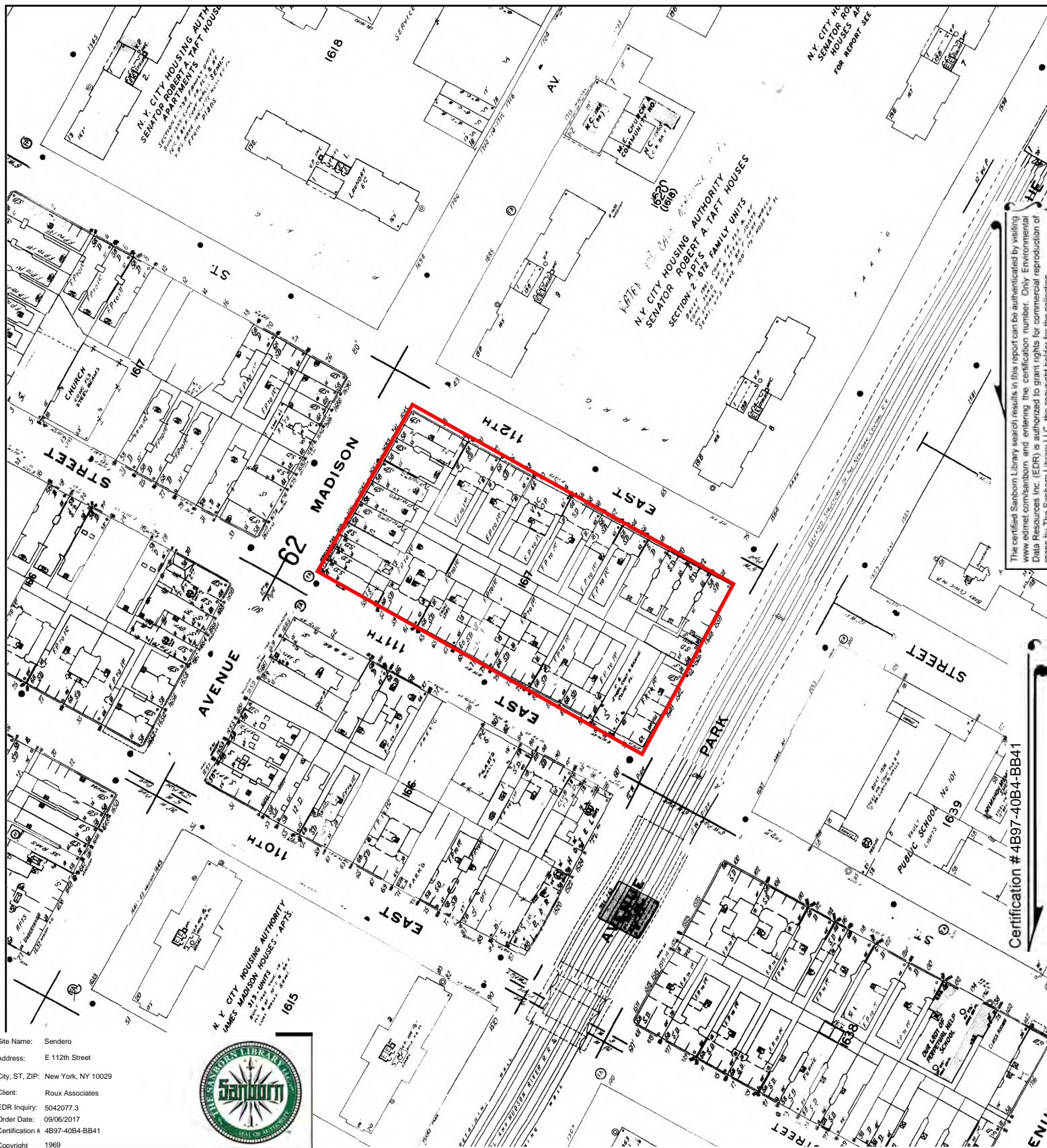
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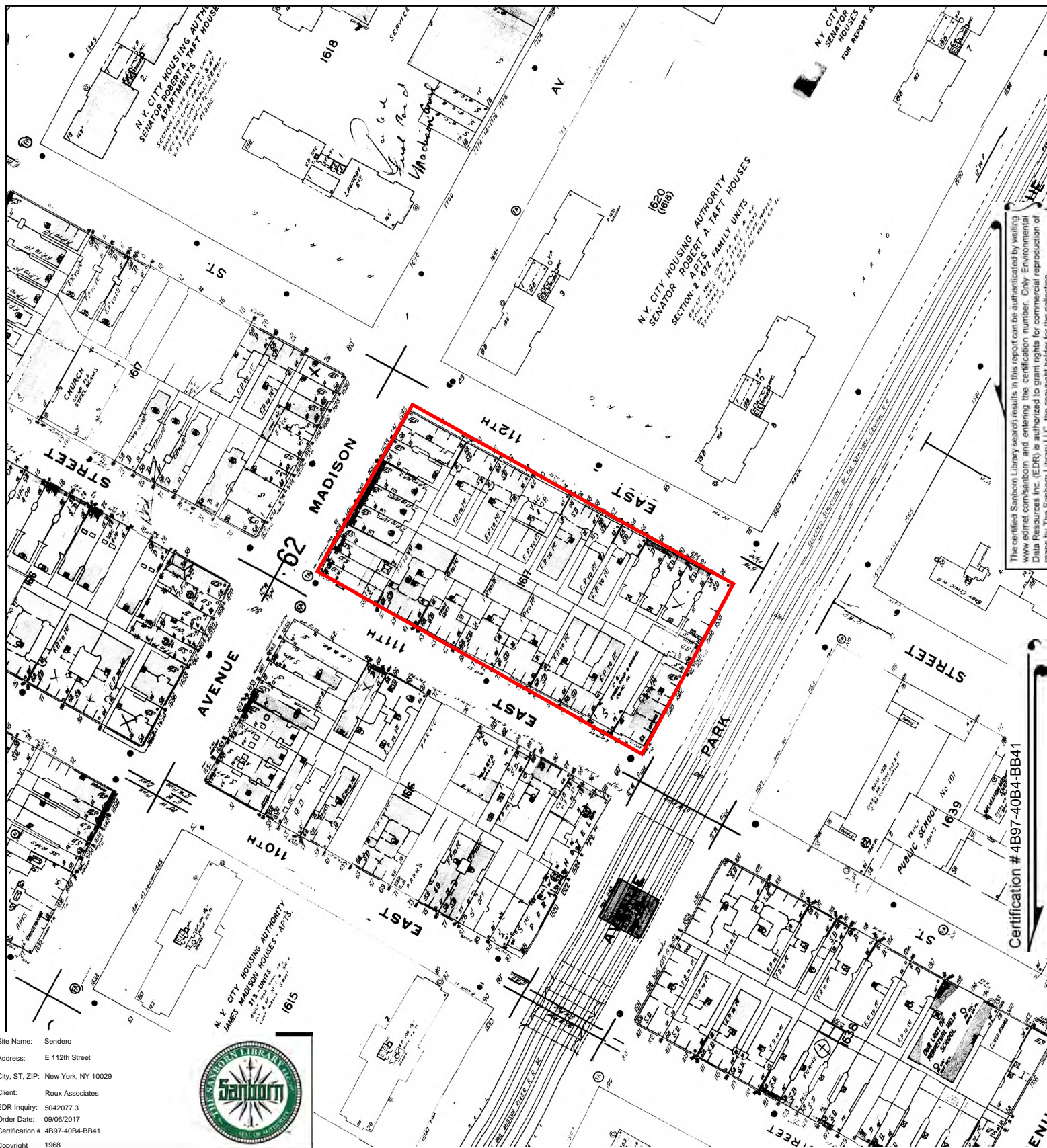


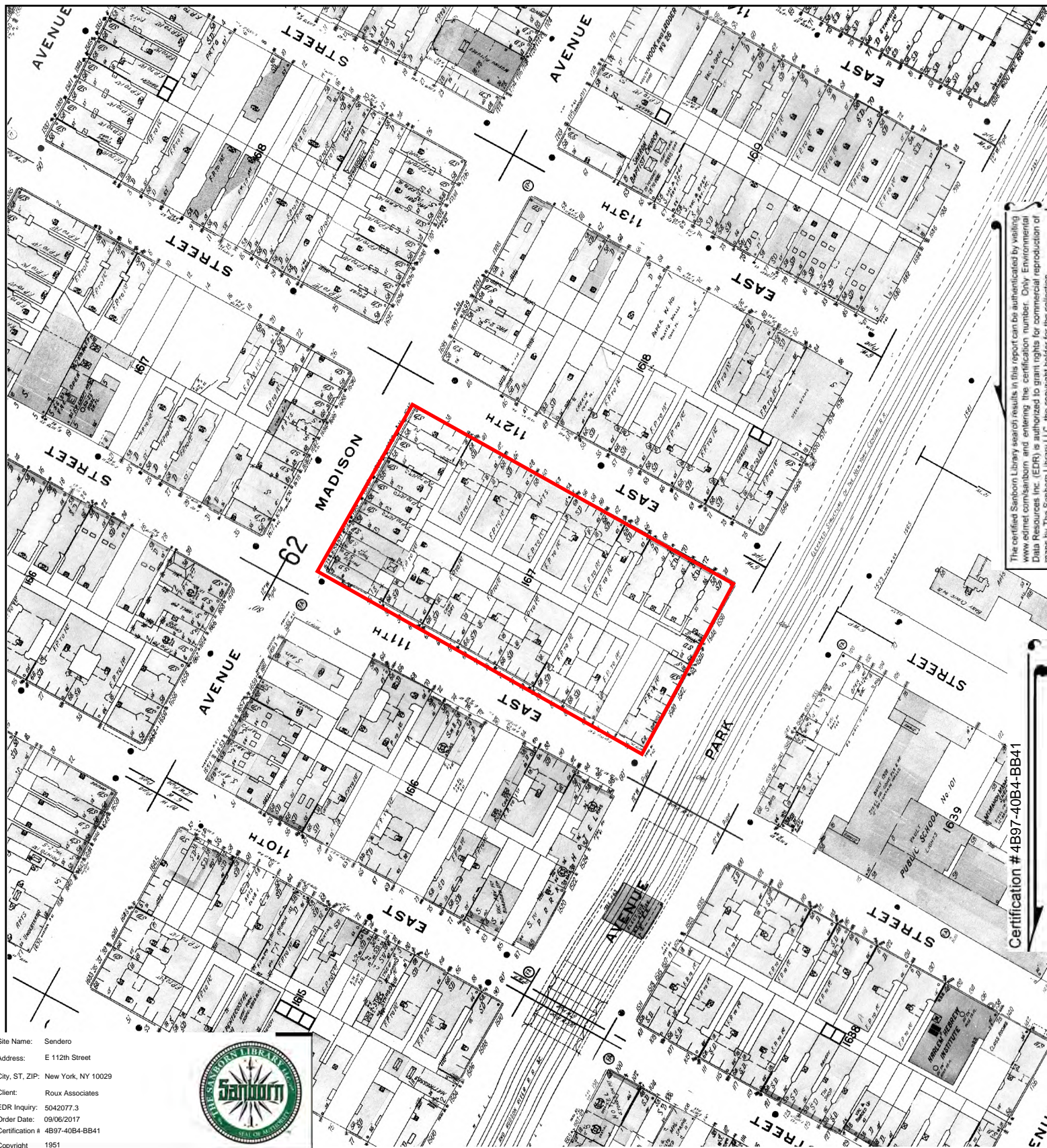
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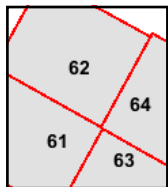
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 4B97-40B4-BB41

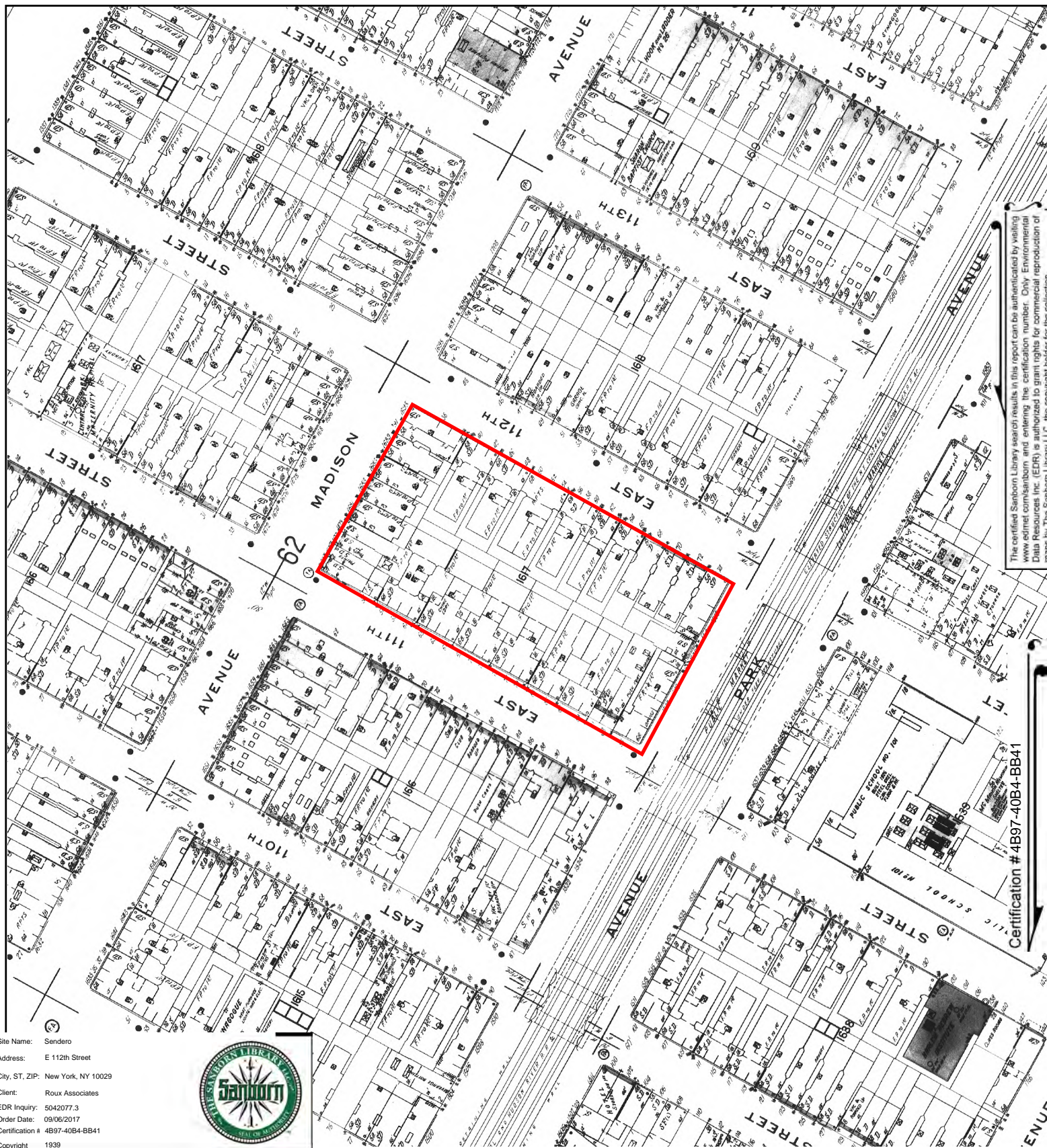
Site Name: Sendero
Address: E 112th Street
City, ST, ZIP: New York, NY 10029
Client: Roux Associates
EDR Inquiry: 5042077.3
Order Date: 09/06/2017
Certification #: 4B97-40B4-BB41
Copyright: 1951



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 8N, Sheet 64
Volume 8N, Sheet 63
Volume 8N, Sheet 62
Volume 8N, Sheet 61



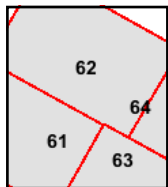
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 4B97-40B4-BB41

Site Name: Sendero
Address: E 112th Street
City, ST, ZIP: New York, NY 10029
Client: Roux Associates
EDR Inquiry: 5042077.3
Order Date: 09/06/2017
Certification #: 4B97-40B4-BB41
Copyright: 1939

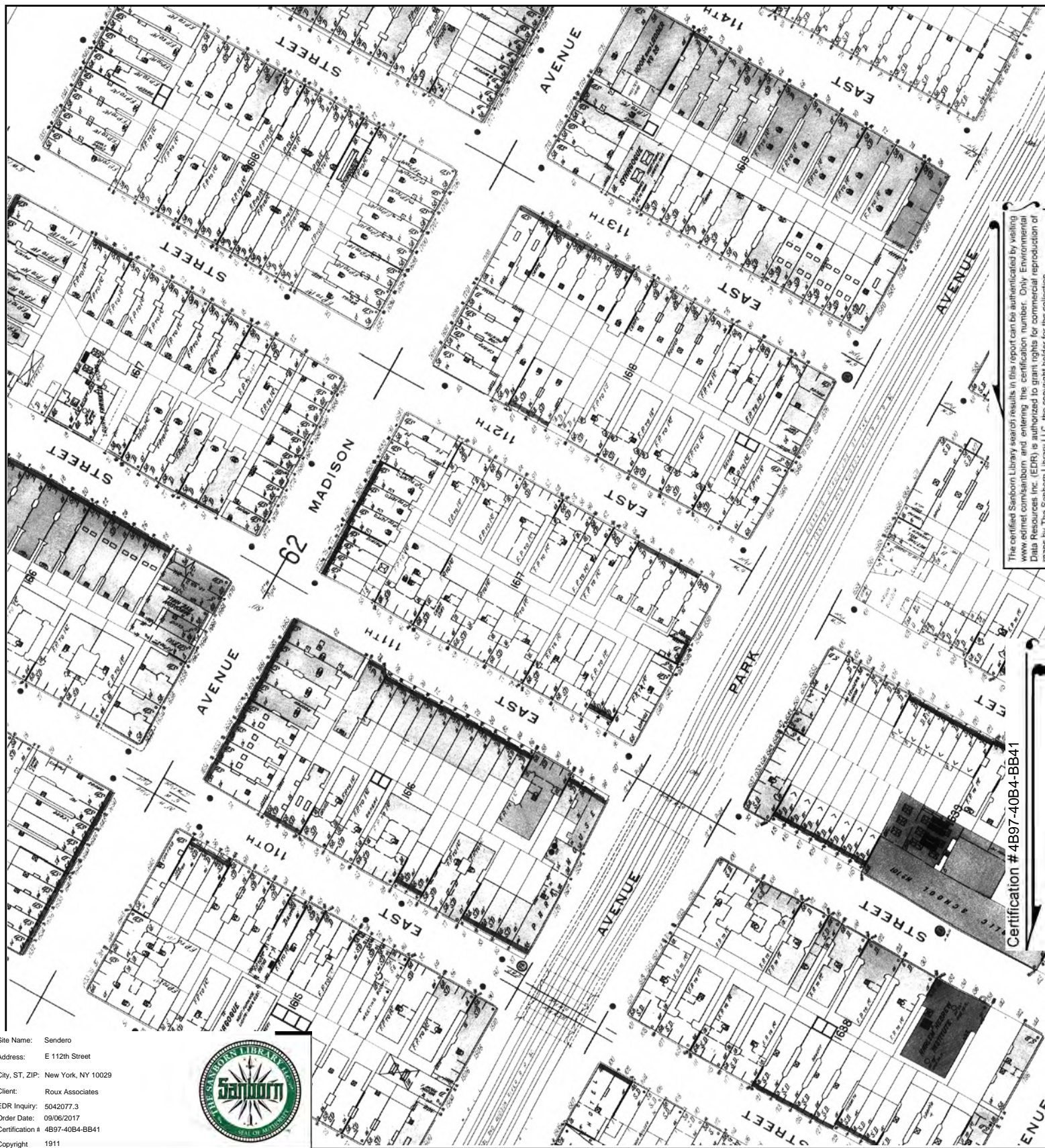


This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 8N, Sheet 63
Volume 8N, Sheet 62
Volume 8N, Sheet 61
Volume 8N, Sheet 64

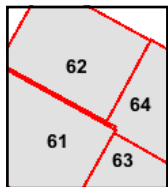
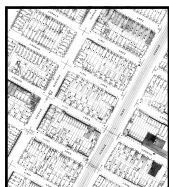
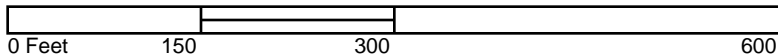




Site Name: Sendero
 Address: E 112th Street
 City, ST, ZIP: New York, NY 10029
 Client: Roux Associates
 EDR Inquiry: 5042077.3
 Order Date: 09/06/2017
 Certification #: 4B97-40B4-BB41
 Copyright: 1911

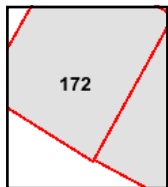
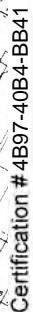


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 8N, Sheet 64
 Volume 8N, Sheet 63
 Volume 8N, Sheet 62
 Volume 8N, Sheet 62
 Volume 8N, Sheet 61





5042077 - 3 page 30

APPENDIX E

Historical Aerial Photographs



Sendero

E 112th Street

New York, NY 10029

Inquiry Number: 5042077.12

September 06, 2017

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

09/06/17

Site Name:

Sendero
E 112th Street
New York, NY 10029
EDR Inquiry # 5042077.12

Client Name:

Roux Associates
209 Shafter Street
Islandia, NY 11749
Contact: Julie Moriarity



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<i>Year</i>	<i>Scale</i>	<i>Details</i>	<i>Source</i>
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1995	1"=500'	Acquisition Date: March 13, 1995	USGS/DOQQ
1991	1"=500'	Flight Date: March 09, 1991	USGS
1984	1"=500'	Flight Date: March 26, 1984	USGS
1975	1"=500'	Flight Date: May 08, 1975	NOAA
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: January 04, 1954	USGS
1951	1"=500'	Flight Date: April 21, 1951	EDR Proprietary Aerial Viewpoint
1941	1"=500'	Flight Date: January 01, 1941	FirstSearch
1924	1"=500'	Flight Date: July 01, 1924	NYPL

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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INQUIRY #: 5042077.12

YEAR: 2011

— = 500'





INQUIRY #: 5042077.12

YEAR: 2010

— = 500'





INQUIRY #: 5042077.12

YEAR: 2009

— = 500'





INQUIRY #: 5042077.12

YEAR: 2008

— = 500'



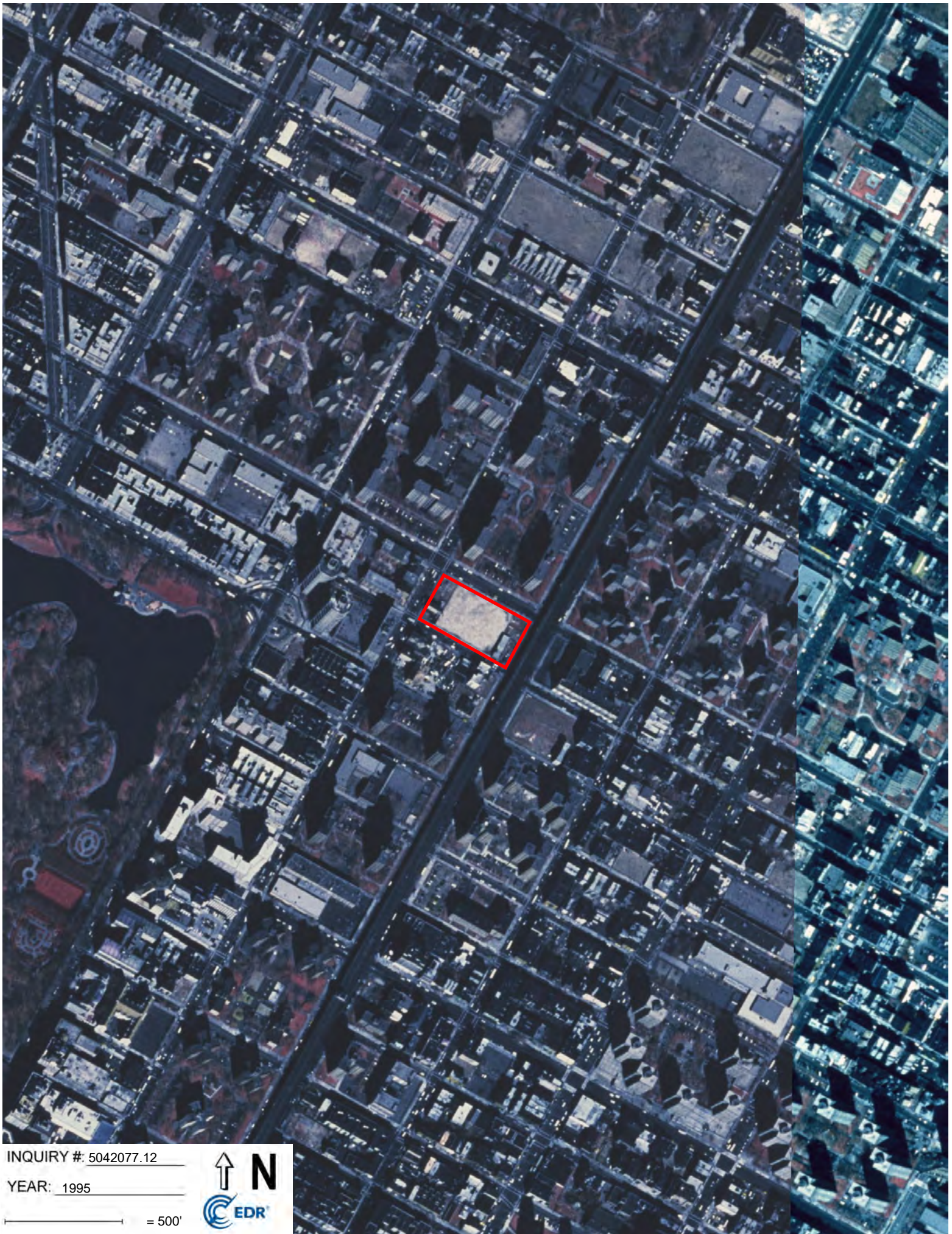


INQUIRY #: 5042077.12

YEAR: 2006

— = 500'





INQUIRY #: 5042077.12

YEAR: 1995

— = 500'





INQUIRY #: 5042077.12

YEAR: 1991

— = 500'



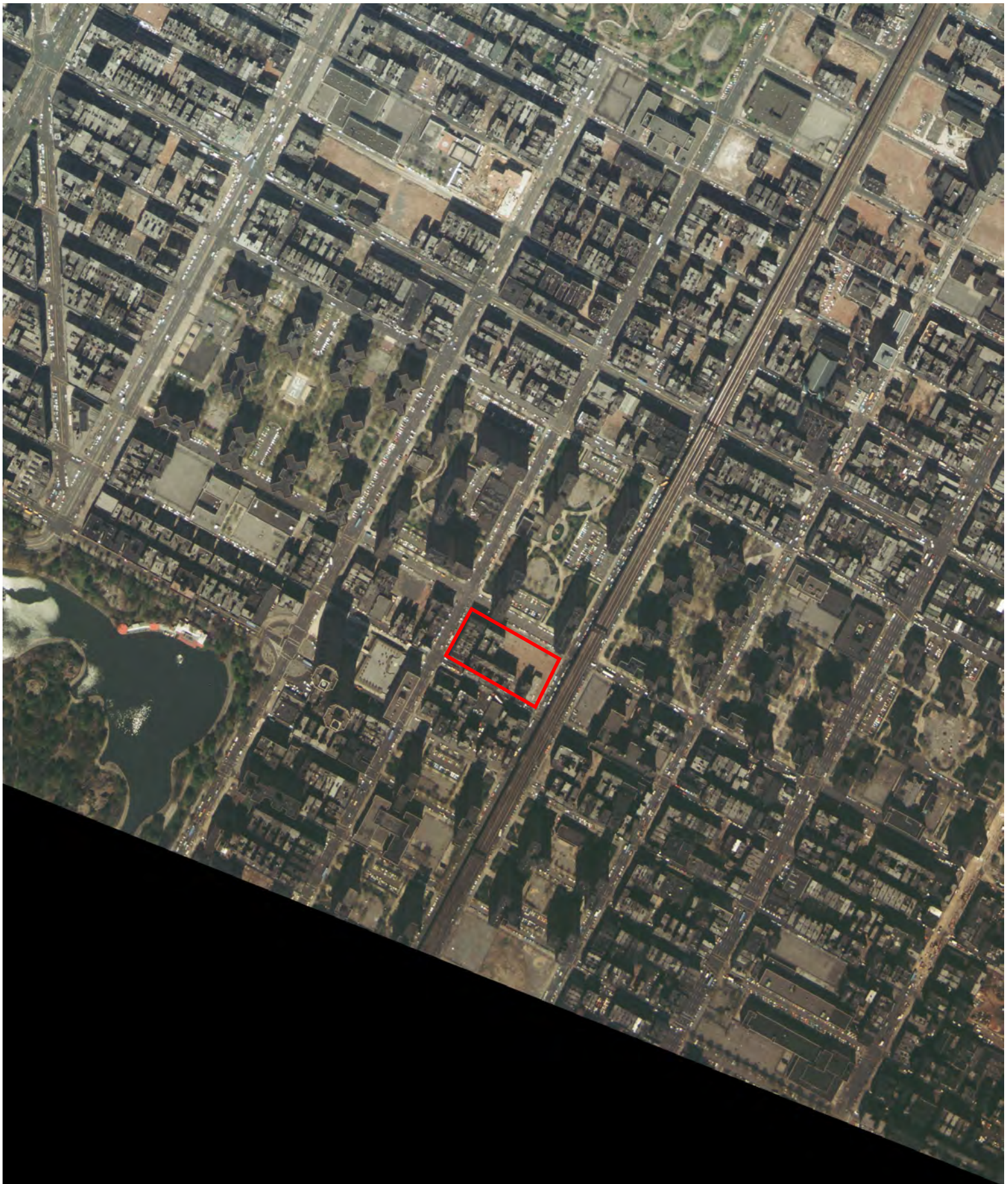


INQUIRY #: 5042077.12

YEAR: 1984

— = 500'





INQUIRY #: 5042077.12

YEAR: 1975

— = 500'





INQUIRY #: 5042077.12

YEAR: 1966

— = 500'





INQUIRY #: 5042077.12

YEAR: 1961

— = 500'





INQUIRY #: 5042077.12

YEAR: 1954

— = 500'





INQUIRY #: 5042077.12

YEAR: 1951

— = 500'





INQUIRY #: 5042077.12

YEAR: 1941

— = 500'





INQUIRY #: 5042077.12

YEAR: 1924

= 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

APPENDIX F

Historical Topographic Maps



Sendero

E 112th Street

New York, NY 10029

Inquiry Number: 5042077.4

September 06, 2017

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

09/06/17

Site Name:

Sendero
E 112th Street
New York, NY 10029
EDR Inquiry # 5042077.4

Client Name:

Roux Associates
209 Shafter Street
Islandia, NY 11749
Contact: Julie Moriarity



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Roux Associates 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. EDR's 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:**Coordinates:**

P.O.#	NA	Latitude:	40.796799 40° 47' 48" North
Project:	2984.0001Y	Longitude:	-73.946178 -73° 56' 46" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	588900.42
		UTM Y Meters:	4516734.43
		Elevation:	17.69' above sea level

Maps Provided:

2013	1897
1997	
1979	
1966	
1956	
1947	
1900	
1898	

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Topo Sheet Key

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

2013 Source Sheets



Central Park
2013
7.5-minute, 24000

1997 Source Sheets



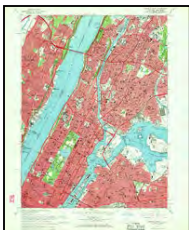
Central Park
1997
7.5-minute, 24000
Aerial Photo Revised 1997

1979 Source Sheets



Central Park
1979
7.5-minute, 24000
Aerial Photo Revised 1977

1966 Source Sheets

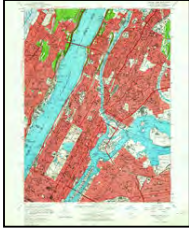


Central Park
1966
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

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

1956 Source Sheets



Central Park
1956
7.5-minute, 24000

1947 Source Sheets



Central Park
1947
7.5-minute, 24000
Aerial Photo Revised 1941

1900 Source Sheets



Harlem
1900
15-minute, 62500

1898 Source Sheets



Harlem
1898
15-minute, 62500

Topo Sheet Key

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

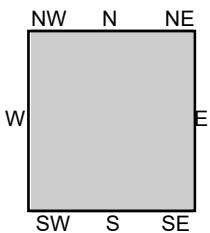
1897 Source Sheets



Harlem
1897
15-minute, 62500



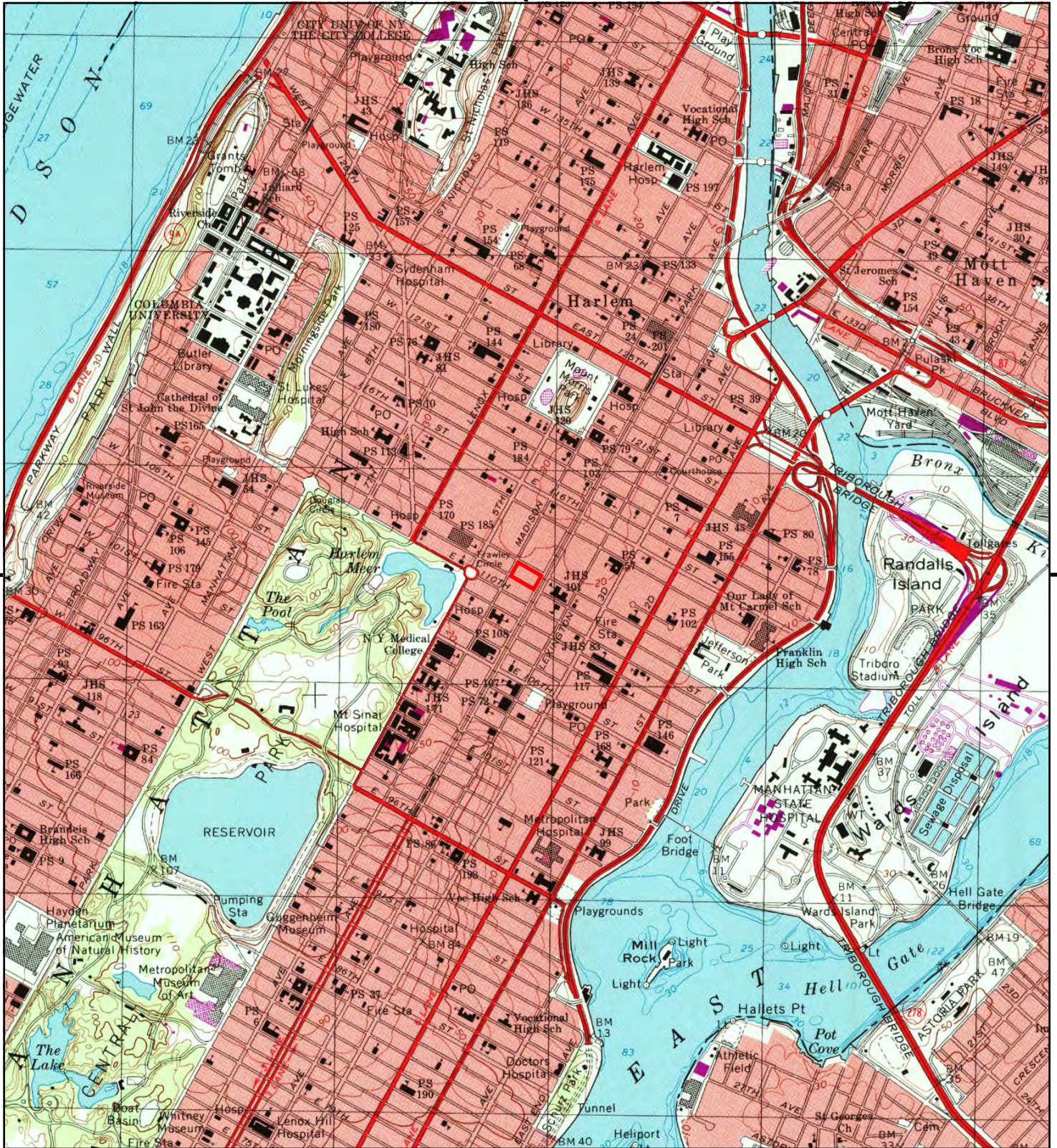
This report includes information from the following map sheet(s).



TP, Central Park, 2013, 7.5-minute

SITE NAME: Sendero
ADDRESS: E 112th Street
New York, NY 10029
CLIENT: Roux Associates





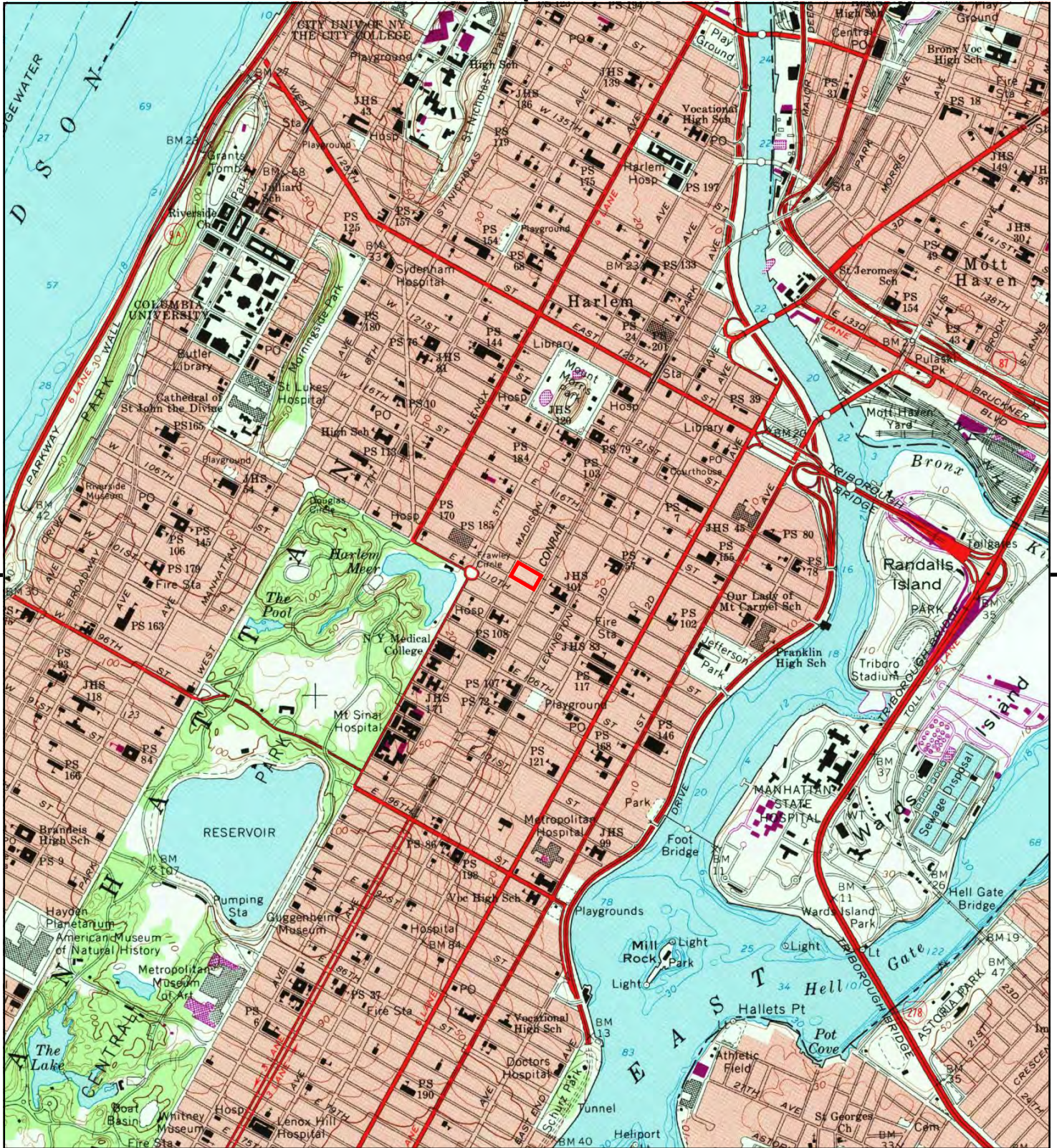
This report includes information from the following map sheet(s).



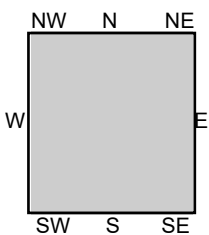
TP, Central Park, 1997, 7.5-minute

SITE NAME: Sendero
 ADDRESS: E 112th Street
 New York, NY 10029
 CLIENT: Roux Associates





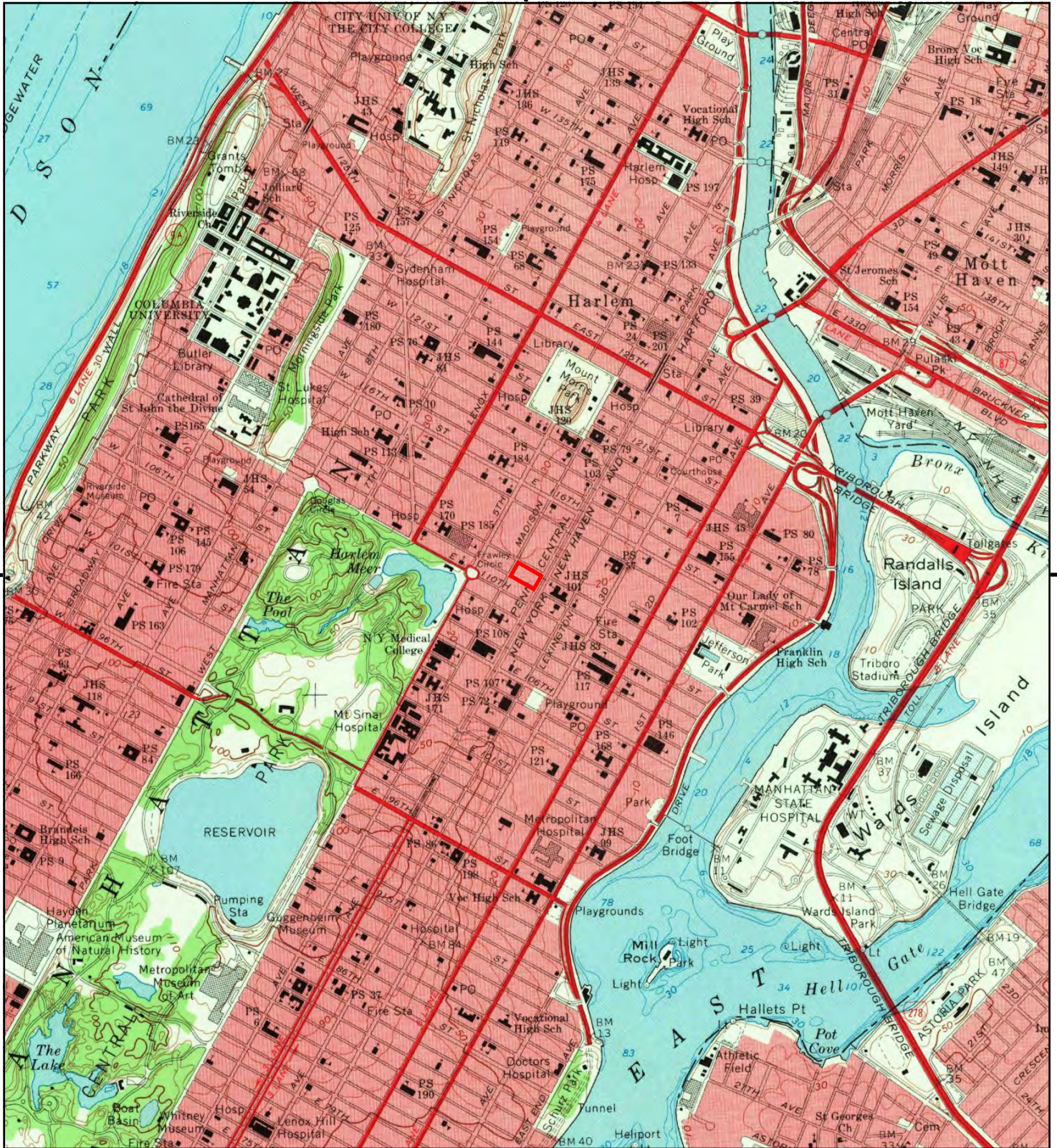
This report includes information from the following map sheet(s).



TP, Central Park, 1979, 7.5-minute

SITE NAME: Sendero
 ADDRESS: E 112th Street
 New York, NY 10029
 CLIENT: Roux Associates





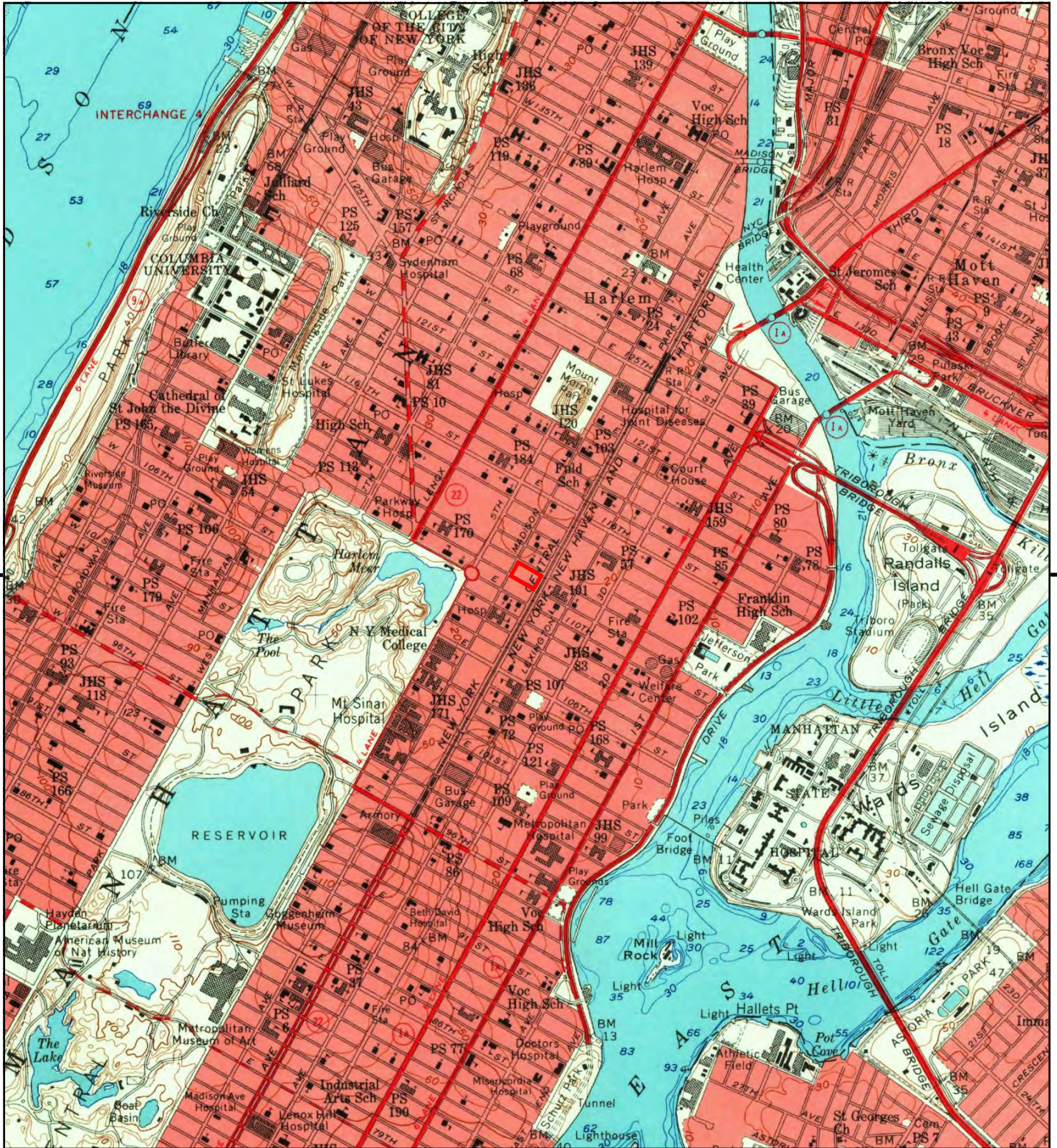
This report includes information from the following map sheet(s).



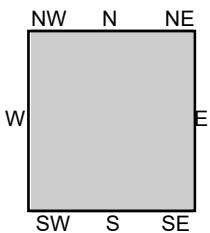
TP, Central Park, 1966, 7.5-minute

SITE NAME: Sendero
ADDRESS: E 112th Street
New York, NY 10029
CLIENT: Roux Associates





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



TP, Central Park, 1956, 7.5-minute

SITE NAME: Sendero
ADDRESS: E 112th Street
New York, NY 10029
CLIENT: Roux Associates





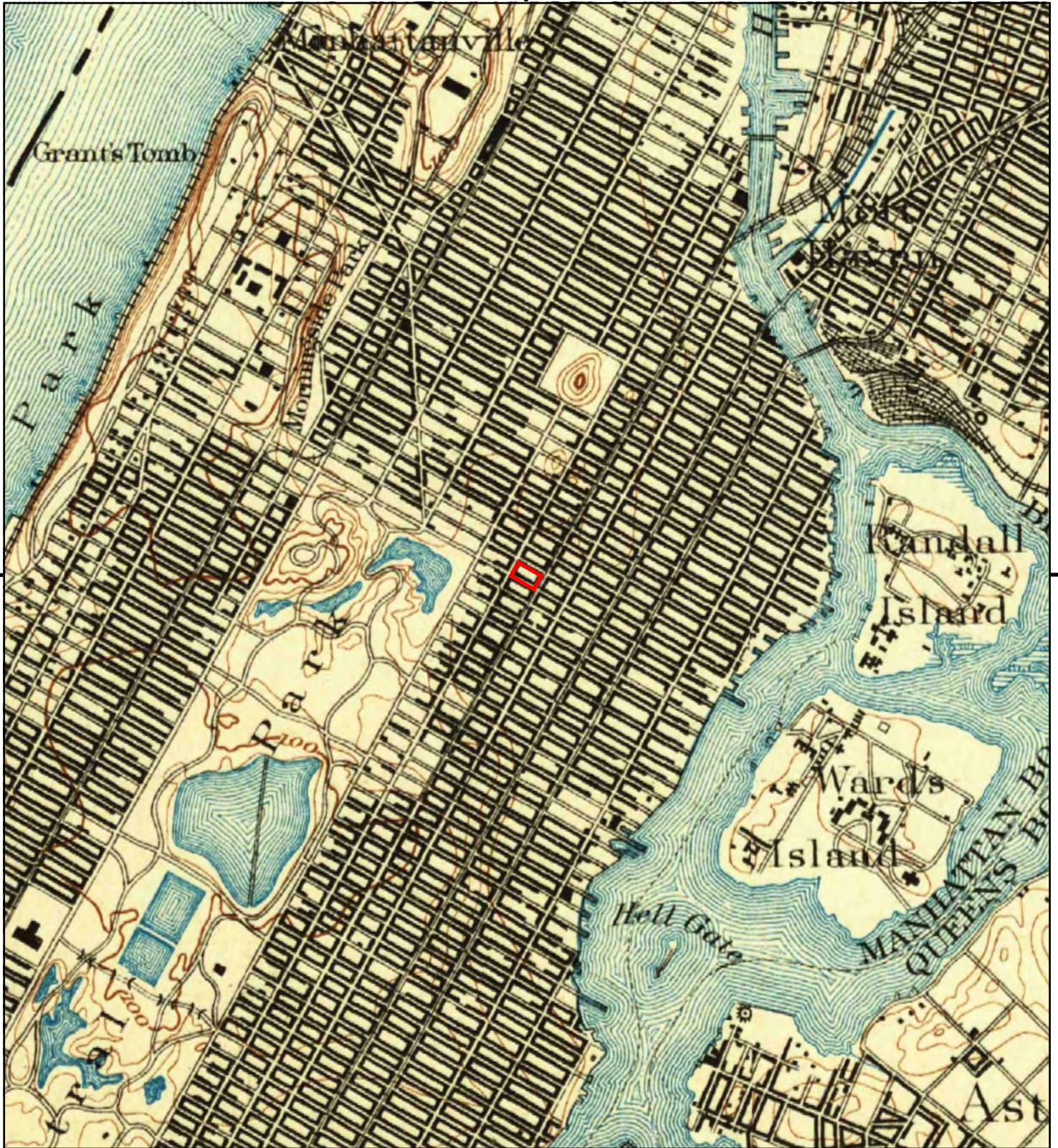
This report includes information from the following map sheet(s).



TP, Central Park, 1947, 7.5-minute

SITE NAME: Sendero
ADDRESS: E 112th Street
New York, NY 10029
CLIENT: Roux Associates





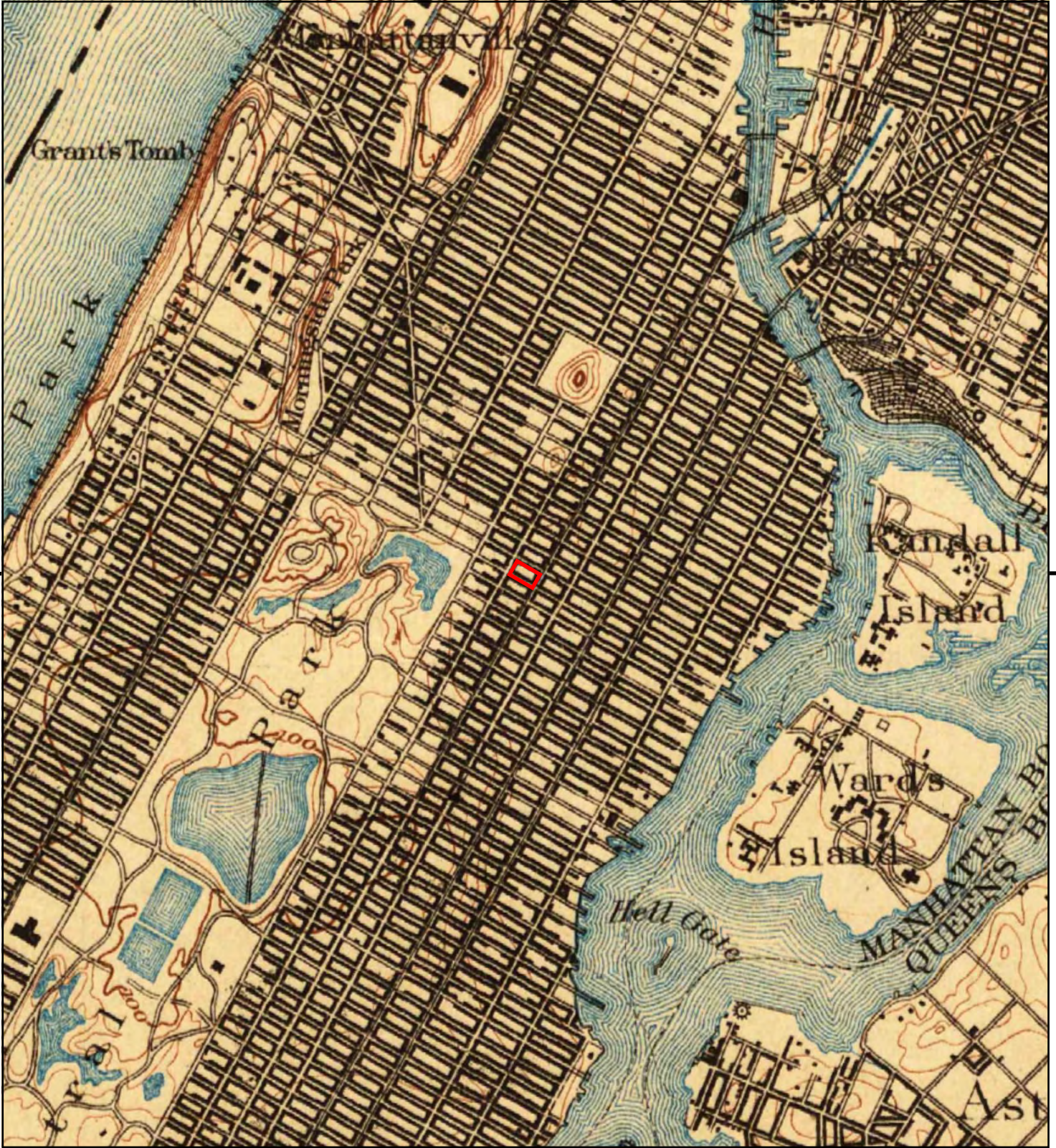
This report includes information from the following map sheet(s).



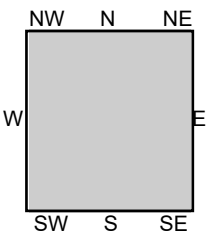
TP, Harlem, 1900, 15-minute

SITE NAME: Sendero
ADDRESS: E 112th Street
New York, NY 10029
CLIENT: Roux Associates





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



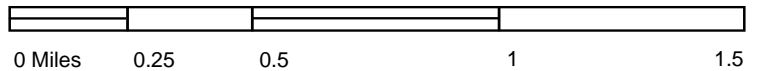
TP, Harlem, 1898, 15-minute

SITE NAME: Sendero
ADDRESS: E 112th Street
New York, NY 10029
CLIENT: Roux Associates





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



TP, Harlem, 1897, 15-minute

SITE NAME: Sendero
ADDRESS: E 112th Street
New York, NY 10029
CLIENT: Roux Associates



APPENDIX G

City Directory Abstract

Sendero

E 112th Street
New York, NY 10029

Inquiry Number: 5042077.5
September 06, 2017

The EDR-City Directory Abstract

TABLE OF CONTENTS

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 1920 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 200 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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Data by

infoUSA[®]

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RESEARCH SUMMARY

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<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2006	Hill-Donnelly Information Services	-	X	X	-
2000	Cole Information Services	-	X	X	-
1998	NYNEX Telephone	-	X	X	-
1996	NYNEX	-	-	-	-
1993	NYNEX Telephone	-	X	X	-
1988	NYNEX Telephone	-	X	X	-
1983	New York Telephone	-	X	X	-
1978	New York Telephone	-	X	X	-
1973	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1968	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1963	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1958	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1956	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1950	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1947	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1942	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1938	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1931	Manhattan and Bronx Directory Publishing Company Residential Directory	-	X	X	-
	Manhattan and Bronx Directory Publishing Company Residential Directory	X	X	X	-
1927	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1923	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1920	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	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.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
1683 Madison Avenue	Client Entered	X
1679 Madison Avenue	Client Entered	X
75 East 111th Street	Client Entered	X
91 East 111th Street	Client Entered	X
1546 Park Avenue	Client Entered	X
83 East 111th Street	Client Entered	X
1673 Madison Avenue	Client Entered	X
1685 Madison Avenue	Client Entered	X
40 East 112th Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

E 112th Street
New York, NY 10029

FINDINGS DETAIL

Target Property research detail.

East 111th Street

75 East 111th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Neumann Anna nurse	R. L. Polk & Co.
	Neumann Anna opr Hotel Mc Alpin r Yonkers NY	R. L. Polk & Co.
1931	Glickman David	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kaminer Frank	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lerman Benny	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lerman Pauline	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lorenz Thos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Malkin Pauline	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rivera Antoinette	Manhattan and Bronx Directory Publishing Company Residential Directory
	Samberg Max	Manhattan and Bronx Directory Publishing Company Residential Directory
	Sola Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
	Stieglitz Jos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wosk Isidore	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wosk Lena	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wosk Morris	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Neumann Anna R N r	New York Telephone
1923	Cohen Moses c/o Campbell Metzger & Jacobs	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Cohen Jos insp	R. L. Polk & Co.
	Davis Louis litho	R. L. Polk & Co.
	Gold Chas paperhgr	R. L. Polk & Co.
	Kaminer Frank	R. L. Polk & Co.
	Lala Michl	R. L. Polk & Co.
	Passen Jos	R. L. Polk & Co.
	Pivnik Louis opr	R. L. Polk & Co.
	Shapiro Max Shapiro Schneider & Katz	R. L. Polk & Co.
	Shapiro Meyer Rosengaft & Shapiro	R. L. Polk & Co.

83 East 111th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Alvares Jisto	Manhattan and Bronx Directory Publishing Company Residential Directory
	Octavio Caraballo	Manhattan and Bronx Directory Publishing Company Residential Directory
	Santos Jos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Vasquez Zolios	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Amster Morris butcher	New York Telephone
	Farber A statnry	New York Telephone
	Rodriguez Jos nurse	New York Telephone
1920	Cohen Benj police	R. L. Polk & Co.
	Cohen Benj pres House of Souvenirs h Far Rockaway BQ	R. L. Polk & Co.
	Cohen Jacob ctr	R. L. Polk & Co.
	Frank Wolf Frank Bros	R. L. Polk & Co.
	Greene Louis furrior	R. L. Polk & Co.
	Seldin Hyman agt NY Life Ins Co	R. L. Polk & Co.
	Zimmerman Jacob pdlr	R. L. Polk & Co.

Madison Avenue

1673 Madison Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	FALIT JACK RL EST & INS	New York Telephone
	SANCHEZ J LUNCHNET	New York Telephone
	SCATLIFFE MARIO E	New York Telephone
	TRINIDAD NATALIA	New York Telephone
1963	FALIT JACK RL EST & INS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	SANCHEZ J LUNCHNET	New York Telephone
	TRINIDAD NATALIA	New York Telephone
1958	FALIT JACK RL EST & INS	New York Telephone
	SANCHEZ DIAZ LUNCHEONETTE	New York Telephone
	TRINIDAD NATALIA	New York Telephone
1956	DEMOCRATIC COUNCIL FOR THE EIGHTEENTH CONGRESSIONAL DIST INC	New York Telephone
	TRINIDAD NATALIA	New York Telephone
1950	SMITH P B	New York Telephone
	TONY S LUNCHEONETTE	New York Telephone
1947	SMITH P B	New York Telephone
1942	SMITH P B	New York Telephone
1938	PUERTO RICAN INDEPN DNT DEMOCRATS	New York Telephone
1934	Lopez Manuel Sosa Tropical Products Syndicate	R. L. Polk & Co.
	Lopez S Manuel Tropical Products Syndicate	R. L. Polk & Co.
	Motos I Juan Tropical Products Syndicate	R. L. Polk & Co.
1931	GAMBARD EMMA	Manhattan and Bronx Directory Publishing Company Residential Directory
	VEGA NATALIE	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	GEZUNTERMAN M GENL MDSE	New York Telephone

1683 Madison Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	JANIUJO ROBERTO	New York Telephone
	TORRADO JULIA C MRS	New York Telephone
1968	CRUZ M	New York Telephone
	JANJUJO ROBERTO	New York Telephone
	TORRADO JULIA C MRS	New York Telephone
1963	BAGAMONERO BAKERY	New York Telephone
	GONZALEZ BENITO	New York Telephone
	LORENZZI MARTHA	New York Telephone
	PCREZ RIGOBERTO	New York Telephone
	SMITH PHYLLIS MRS	New York Telephone
1958	BELLE HUGH A	New York Telephone
	CASA GONZALEZ JWLRY	New York Telephone
	LORENZZI MARTHA	New York Telephone
	MARCELIN HEADLEY	New York Telephone
	NIEVES INDALECIO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	ORTIZ WM	New York Telephone
	PONCE CARMELO	New York Telephone
1956	BELLE HUGH A	New York Telephone
	CASA GONZALEZ JWLRY	New York Telephone
	LORENZZI MARTHA	New York Telephone
	MARCELIN HEADLEY	New York Telephone
	MARTINEZ EDUARDO G	New York Telephone
1947	GONZALEZ M JWLRY	New York Telephone
1938	CANCELA EVERETT TLR	New York Telephone
1920	Horowitz Louis driver	R. L. Polk & Co.

1685 Madison Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	LOPEZ JOE	New York Telephone
	UNITED LEADERSHIP CORP	New York Telephone
1968	ESPINOZA SOONLIE	New York Telephone
	GONZALEZ ARMANDO	New York Telephone
	MASSIVE ECONOMIC NEIGHBORHOOD DEUELMNT INC -	New York Telephone
	PEARSON JAS	New York Telephone
	REYES VIRGINIA	New York Telephone
	ROBLES ANGELINA MRS	New York Telephone
1963	GONZALEZ ARMANDO	New York Telephone
	LA CARIDAD DEL COBRE	New York Telephone
	PRIETO MANOLO	New York Telephone
	TORRES CARMEN MRS	New York Telephone
	VELEZ VICTOR	New York Telephone
1958	FELIU JULIO Q	New York Telephone
	GONZALES ARMANDO	New York Telephone
	LACARIDAD DEL COBSRE	New York Telephone
	VERA ABELARDO	New York Telephone
	VIVES GEO	New York Telephone
1956	FELIU JULIO Q	New York Telephone
	GONZALEZ ARMANDO	New York Telephone
	J & J SHOE STORE	New York Telephone
	RODRIGUEZ GLIBERTO C	New York Telephone
	ROSARIO DEADINA	New York Telephone
1950	CONTRERAS HERNANDO SHOES	New York Telephone
1942	CONTRERAS HERNANDO SHORES	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	COHEN I A & L R SHOES	New York Telephone
	MOHAWK FUEL CO	New York Telephone
1931	KATZ MORRIS LAB ASST	Manhattan and Bronx Directory Publishing Company Residential Directory
	LOPEZ SARAH	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	BLACKER J R	New York Telephone

Park Avenue

1546 Park Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	PRINCE ROSE	New York Telephone
	TORRES MANUEL	New York Telephone
1968	PIZAIRRO FEINAISDO	New York Telephone
	PIZARRO HILDA	New York Telephone
	TORRES MANUEL	New York Telephone
1963	CORMIR FOODS CO INC	New York Telephone
	TORRES MANUEL	New York Telephone
1958	BOULDIN CHAS L	New York Telephone
	CARROLL MARGARET	New York Telephone
	PRINCE VIDAL	New York Telephone
	TORRES MANUEL	New York Telephone
1956	BOULDIN CHAS L	New York Telephone
	JAMES CHRISTINE MRS	New York Telephone
	TORRES MANUEL	New York Telephone
1950	ETHERIDGE THOS	New York Telephone
1938	EUDELLE HENRY	New York Telephone
1934	Koenig Sam S dairy	R. L. Polk & Co.
	Ruchman Alton malt and hops	R. L. Polk & Co.
1931	Oliver Gust Ave	Manhattan and Bronx Directory Publishing Company Residential Directory
	OLIVER GUSTAVE	Manhattan and Bronx Directory Publishing Company Residential Directory
1923	Sternberg Aron baker	R. L. Polk & Co.
1920	Hirsch Brandel shoes	R. L. Polk & Co.
	Hirsch Kalman	R. L. Polk & Co.
	Kaufman Bertha dry gds	R. L. Polk & Co.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

E 111 ACRMNT 2

66 E 111 ACRMNT 2

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	HERNANDEZ VICENTE	New York Telephone

E 111 ST

60 E 111 ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	WILLIAMS ROBT E	New York Telephone
1931	TRESTMAN ABE	Manhattan and Bronx Directory Publishing Company Residential Directory

61 E 111 ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1983	KYNER DAVID B	New York Telephone
1942	LENDING TRIMNG CO	New York Telephone

62 E 111 ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	BOTONICAL GARDEN	New York Telephone
1927	GREINES A A DR DNTST	New York Telephone

63 E 111 ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1978	LEOCADIO AQUINO	New York Telephone
	MEJIAS JULIO	New York Telephone
	RINCON VIRGINIA	New York Telephone
1973	BOTANICAL GARDEN	New York Telephone
	CARMONA FRANCES	New York Telephone
	CASANOVA ALEJANDRO	New York Telephone
	HANLEY JAS A	New York Telephone
	LEOCADIO AQUINO	New York Telephone
	MEJIAS JULIO F	New York Telephone
	MELLENDEZ LUIS	New York Telephone
	RIVERA A RELIG QDS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	RIVERA JAIME	New York Telephone
	TORRES JULIA MRS	New York Telephone
1968	ROJAS MAXIMINA MRS	New York Telephone
	SEPULVEDA ZENEN	New York Telephone
	SOTO FELIPE	New York Telephone
	TORRES JULIA MRS	New York Telephone
	BACLITLER TONY	New York Telephone
	BOTANICAL GARDEN	New York Telephone
	CARMONA FRANCES	New York Telephone
	DELMORAL RAPHAEL	New York Telephone
	EVERETT VERNELL	New York Telephone
	HANLEY JAS A	New York Telephone
	LABRADOR NICOMEDES	New York Telephone
	PETERS MARILYN T	New York Telephone
	RIVERA A RELIG GDS	New York Telephone
	RIVERA MARY	New York Telephone
	RODRIGUEZ DELIA	New York Telephone
	RODRIGUEZ JOSE	New York Telephone
1963	ALLEN JUNIUS	New York Telephone
	BAEZ FELIX	New York Telephone
	BENBOW DONALD	New York Telephone
	DELMORAL RAPHAEL	New York Telephone
	GUZMAN FELIX	New York Telephone
	HANLEY JAS A	New York Telephone
	HUTSON LUCY MRS	New York Telephone
	LOPEZ ESPERANZA	New York Telephone
	LUIS	New York Telephone
	POMALES EDUARDO	New York Telephone
	RAMOS FE E MRS	New York Telephone
	RIVERA MARY	New York Telephone
	ROJAS MAXIMINA MRS	New York Telephone
	TORRES JULIA MRS	New York Telephone
	VOYD MAGAIE LOU	New York Telephone
1958	BRYANT MELOY	New York Telephone
	FIGUEROA MARIO	New York Telephone
	HANLEY JAS A	New York Telephone
	JOCAL USED FURN	New York Telephone
	JONES ANNA MRS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	LABOY TOMASA	New York Telephone
	LOPEZ ESPERANZA	New York Telephone
	MANGUAL LUIS	New York Telephone
	MCELROY SAMMIE	New York Telephone
	RAMOS FE MRS	New York Telephone
	RIVERA MARY	New York Telephone
	ROJAS MAXIMINA MRS	New York Telephone
	ROSE CANDIDA	New York Telephone
	SANTIAGO ALEX	New York Telephone
1956	BELLAFLORES GREGORY	New York Telephone
	BRYANT MELOY	New York Telephone
	HANLEY JAS A	New York Telephone
	JONES HERBERT	New York Telephone
	LABOY AMALIA	New York Telephone
	LABOY ANNA D	New York Telephone
	LOPEZ ESPERANZA	New York Telephone
	MANGUAL LUIS	New York Telephone
	MCELROY SAMMIE	New York Telephone
	RIVERA MARY D	New York Telephone
	RODRIGUEZ CARMEN C	New York Telephone
	ROJAS MAXIMINA MRS	New York Telephone
	ROSE CANDIDA	New York Telephone
	SANTIAGO ALEX	New York Telephone
	SULLIVAN NANOIE MRS	New York Telephone
1950	GONZALEZ LOUIS	New York Telephone
	JAMES ERNEST	New York Telephone
	JONES HERBERT	New York Telephone
1931	CARTER HENRY	Manhattan and Bronx Directory Publishing Company Residential Directory
	DOLGOW HYMAN	Manhattan and Bronx Directory Publishing Company Residential Directory
	LEVINE MAYER	Manhattan and Bronx Directory Publishing Company Residential Directory
	MEYERS MORRIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	SHINES MATTHEW	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	RICHMAN ISAAC R	New York Telephone
	WEISBERGER BENJ BTCHR	New York Telephone

FINDINGS

64 E 111 ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	COOPER FRED J	New York Telephone
	WASHINGTON PAUL	New York Telephone
	WASHINGTON SIRIS	New York Telephone
1968	COOPER FRED J	New York Telephone
	JACKSON JANET	New York Telephone
	WARING JOHN D	New York Telephone
1963	ATKINS LORRAINE E MRS	New York Telephone
	BARNES GEORGIA MRS	New York Telephone
	BARNES GEORGIA MRS	New York Telephone
	MILLER JAS L	New York Telephone
1958	ATKINS LORRAINE E MRS	New York Telephone
	MARISTANY MARGARET MRSW	New York Telephone
	WARING DAVID	New York Telephone
1956	ATKINS LORRAINE E MRS	New York Telephone
	MARISTANY MARGARET MRS	New York Telephone
	WARING DAVID	New York Telephone
1950	ABRU CECILIA A	New York Telephone
1947	WILLIAMS ROBT E	New York Telephone
	PURCELL ELLA	New York Telephone
1931	VALIENTE ANNA	Manhattan and Bronx Directory Publishing Company Residential Directory
	VALENTINI LOUIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	TARRATS PEDRO J	Manhattan and Bronx Directory Publishing Company Residential Directory
	SISKIND SAM	Manhattan and Bronx Directory Publishing Company Residential Directory
	SISKIND BESSIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	RODRIGUEZ BALBINO	Manhattan and Bronx Directory Publishing Company Residential Directory
	RIVERA VINCENTE	Manhattan and Bronx Directory Publishing Company Residential Directory
	RAMIREZ JOSE	Manhattan and Bronx Directory Publishing Company Residential Directory
	BURNETT HARRISON	Manhattan and Bronx Directory Publishing Company Residential Directory
	GARCIA ULPiano	Manhattan and Bronx Directory Publishing Company Residential Directory
	JIMONEZ JOSE	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	PRICE FANNY MRS R	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	FRANKELSTEIN SAML R	New York Telephone
	STERN E R	New York Telephone

66 E 111 ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1978	BARRIOS VICTOR	New York Telephone
	CEBOLLERO JUANA MRS	New York Telephone
	ESCALERA PRAXEDES MRS	New York Telephone
	HIRSCH SHIRLEY	New York Telephone
	RIVERA DELFINA	New York Telephone
	RODRIGUEZ ERNEST	New York Telephone
	SOTO ROBERTO	New York Telephone
1973	BERRIOS VICIOR	New York Telephone
	COBOLLERO JUANA MRS	New York Telephone
	ESCALERA PRAXEDES MRS	New York Telephone
	FUENTES ROSEMARIE	New York Telephone
	HERNANDEZ VICENTE	New York Telephone
	HIRSCH SHIRLEY	New York Telephone
	RODRIGUEZ ERNEST	New York Telephone
	SCHECHTMAN L	New York Telephone
1968	HIRSCH SHIRLEY	New York Telephone
	MARTINEZ MARTHA MRS	New York Telephone
	RODRIGUEZ ERNEST	New York Telephone
	SCHECHTMAN L	New York Telephone
	BAKER DOROTHY MRS	New York Telephone
	BURGADO GABINO	New York Telephone
	BURGADO JUANITA	New York Telephone
	CEBOLLERO JUANA MRS	New York Telephone
	CINTRON DOLORES	New York Telephone
	ESCALERA PRAXEDES MRS	New York Telephone
	FUENTES POSERNARIE	New York Telephone
	HERNANDEZ VICENTE	New York Telephone
1963	CARBAJAL MANUEL	New York Telephone
	CEBOLLERO JESUS	New York Telephone
	CEHOLLERO JUANA MRS	New York Telephone
	CRAWFORD CLIFFORD	New York Telephone
	CRAWFORD DAISY	New York Telephone
	FELICIANO SAULO	New York Telephone
	HERNANDEZ VICENTE	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	HIRSCH SHIRLEY	New York Telephone
	LOSADA ROSA MRS	New York Telephone
	MARTINEZ MARTHA MRS	New York Telephone
	MYVITT AGATA	New York Telephone
	RIVERA JAIME	New York Telephone
	RIVERA PABLO	New York Telephone
	RODRIGUEZ ERNEST	New York Telephone
	SCHECHTMAN L	New York Telephone
	SOSA B	New York Telephone
1958	CABAN ANGEL	New York Telephone
	CEBOLLERO MARLE	New York Telephone
	CEVOLLERO JESUS	New York Telephone
	COLON ANNA V MRS	New York Telephone
	ESCALERA PRAXEDES MRS	New York Telephone
	FELICIANO SAULO	New York Telephone
	FELIU JULIO A	New York Telephone
	HIRSCH SHIRLEY	New York Telephone
	PIZZARRO JOSEPHINE MRS	New York Telephone
	RIOS RAMON	New York Telephone
	RIVERA GEO L	New York Telephone
	SCHECHTMAN L	New York Telephone
	VELEZ SANTIAGO	New York Telephone
1956	ESCALERA PRAXEDES MRS	New York Telephone
	FELICIANO SAULO	New York Telephone
	HIRSCH SHIRLEY	New York Telephone
	PASTRANA PAULINA C	New York Telephone
	RIVERA GEO L	New York Telephone
	TERENZIO MARIO	New York Telephone
	YARMOLOFSKY R MISS	New York Telephone
	ALFONSO EUSEBIO	New York Telephone
	ARROYO ROBT	New York Telephone
	CABAN ANGEL	New York Telephone
	CEVOLLERO JESUS	New York Telephone
	CINTRON HERBERT	New York Telephone
	COLON ANNA V MRS	New York Telephone
	DAVILA BERNARDO	New York Telephone
	DIAZ CRUZ R MRS	New York Telephone
1950	BERSON ABRAHAM	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	DIAZ CRUZ R	New York Telephone
	FRANCISCO R G MRS	New York Telephone
	GONZALEZ FIANK	New York Telephone
	NUNEZ JUAN	New York Telephone
	YARMOLOFSKY R MISS	New York Telephone
1947	HIRSCH LOUIS	New York Telephone
	YARMOLOFSKY R MISS	New York Telephone
1942	HIRSCH LOUIS	New York Telephone
	YARMOLOFSKY R MISS	New York Telephone
1938	SILVER HESSIE MRS	New York Telephone
	YARMOLOFSKY R MISS	New York Telephone
1931	FISCHER ANNA	Manhattan and Bronx Directory Publishing Company Residential Directory
	GOLDSTEIN ABR	Manhattan and Bronx Directory Publishing Company Residential Directory
	GOLDSTEIN BENJ	Manhattan and Bronx Directory Publishing Company Residential Directory
	GOLDSTEIN YETTA	Manhattan and Bronx Directory Publishing Company Residential Directory
	HUNTER AGNES	Manhattan and Bronx Directory Publishing Company Residential Directory
	HUNTER CHAS	Manhattan and Bronx Directory Publishing Company Residential Directory
	JAROSLAW MORRIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	KAPLAN MARY	Manhattan and Bronx Directory Publishing Company Residential Directory
	KAPLAN SIDNEY	Manhattan and Bronx Directory Publishing Company Residential Directory
	KOZAK FLORENCE	Manhattan and Bronx Directory Publishing Company Residential Directory
	ROSENBLUM IDA	Manhattan and Bronx Directory Publishing Company Residential Directory
	SCHUTZ LOUIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	SCHWARTZ DAVID	Manhattan and Bronx Directory Publishing Company Residential Directory
	STERNBERG ETTA	Manhattan and Bronx Directory Publishing Company Residential Directory
	TRESTMAN YETTA	Manhattan and Bronx Directory Publishing Company Residential Directory
	ZUGHAFT GUSSIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	ZUGHAFT NATHAN E	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	BLACK CHAS R	New York Telephone
	BUSHEL MORRIS R	New York Telephone
	CALIGOR SAML R	New York Telephone
	CITRON G B MD R	New York Telephone
	KAPLAN SIDNEY L R	New York Telephone
	KOPLIN ISAAC DR R	New York Telephone
	MOSKOWITZ LOUIS R	New York Telephone
	NEWMAN BARNET R	New York Telephone
	NEWMAN DAVID R	New York Telephone
	ROSENBLUM MORRIS R	New York Telephone
	SACHS ARTHUR R	New York Telephone
	SALMANOWITZ HARRY R	New York Telephone
	SPIVACK NATHAN R	New York Telephone
	STERNBERG DAVID R	New York Telephone
67 E 111 ST		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1983	SCHOONOVER KATHERINE	New York Telephone
	FRATTA E	New York Telephone
1931	GRUNBERGER MILTON	Manhattan and Bronx Directory Publishing Company Residential Directory
68 E 111 ST		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	LUGO I JUAN	New York Telephone
	E-Z WAY CIII CE ROD CO	New York Telephone
69 E 111 ST		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	GARCIA CANDIDA	New York Telephone
	GONZALEZ EMILIANO	New York Telephone
	LACEN JUAN	New York Telephone
	PRATZ JENNIE MRS	New York Telephone
	RIVERA STEPHEN	New York Telephone
	RUIZ MARIA	New York Telephone
	SOTO ROBERTO	New York Telephone
1968	PRATE JENNIE MRS	New York Telephone
	PROCTOR SARAH MRS	New York Telephone
	ANDINO PEDRO	New York Telephone
	BECERRIL ELEUTERIO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	BERCEDONIS DANL CRUZ	New York Telephone
	DAVILA LUCY MRS	New York Telephone
	GLOBE CONFCTRY SUPL CO	New York Telephone
	GONZALEZ EMILIANO	New York Telephone
	LACEN JUAN	New York Telephone
	NAVAL SHIEYARD REVIEW	New York Telephone
	PEREZ A	New York Telephone
	SOSA CELIA	New York Telephone
	VERDE JO MARTA C	New York Telephone
1963	BECERRIL ELEUTERIO	New York Telephone
	GLOBE CONFCTRY SUPL CO	New York Telephone
	GONZALEZ EMILIANO	New York Telephone
	GONZALEZ JOHN R	New York Telephone
	HANSON ROY W	New York Telephone
	NAVAL SHINYARD REVIEW	New York Telephone
	PEREZ A	New York Telephone
	PLAZA JUAN	New York Telephone
	PROCTOR SARAH MRS	New York Telephone
	RIVERA GUILLERMINA	New York Telephone
	RIVERA SILVANO	New York Telephone
	RODRIGUEZ ISABELLO	New York Telephone
	ROSADO GREGORIO A	New York Telephone
	SOSA CIPRIAN	New York Telephone
	VAZQUEZ ISABELO	New York Telephone
	VERDEJO MARTA C	New York Telephone
	WEST POINT RGSTR	New York Telephone
1958	BECERRLL ELEULORLO	New York Telephone
	CANDELARIO ANTONIA	New York Telephone
	DELGADO PETRA MRS	New York Telephone
	GLOBE CONFCTY SUPL CO	New York Telephone
	GONZALEZ JOHN STATNRY	New York Telephone
	NAVAL SHIPYARD REVIEW	New York Telephone
	ORTIZ CARMEN MRS	New York Telephone
	PLAZA JUAN	New York Telephone
	QUINONES NATHAN	New York Telephone
	RIVERA GUILLERMINA	New York Telephone
	RIVERA SLIVANO	New York Telephone
	RODRIGUEZ SANTIAGO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	ROSADO GREGORIO A	New York Telephone
	SOSA CELIA	New York Telephone
	SOSA CIPRIAN	New York Telephone
	VERDEJO MARTA C	New York Telephone
1956	BECERRIL ELEUTERIO	New York Telephone
	GLOBE CONFCTRY SUPL CO	New York Telephone
	GONZALEZ JOHN STATNRY	New York Telephone
	LLANO FELIPE B	New York Telephone
	PLAZA JUAN	New York Telephone
	RIVERA GUILLERMINA	New York Telephone
	RIVERA SILVANO	New York Telephone
	RODRIGUEZ SANTIAGO	New York Telephone
	ROSADO GREGORIO A	New York Telephone
	SOSA CELIA	New York Telephone
	SOSA CIPRIAN	New York Telephone
	VERDEJO MARTA C	New York Telephone
1950	GLOBE CONFCTRY SUPL CO	New York Telephone
	RIVERA GUILLERMINA	New York Telephone
1947	CASTRODAD FURN STORE	New York Telephone
	GLOBE CONFCTRY SUPL CO	New York Telephone
1942	GLOBE CONFCTRY SUPL CO	New York Telephone
	OLSHINSKY M TINSMTN ROOFG	New York Telephone
1938	ALPINE BRAND FOUNTAIN SUPL CO	New York Telephone
	GLOBE CONFCTRY SUPL CO	New York Telephone
	OLSHINSKY M TINSMTN ROOFG	New York Telephone
1931	BRODY LENA	Manhattan and Bronx Directory Publishing Company Residential Directory
	FALATISKY ANNIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	ISRAELOWITZ IRVIN	Manhattan and Bronx Directory Publishing Company Residential Directory
	ISRAELOWITZ LOUIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	KAFTON SIMON	Manhattan and Bronx Directory Publishing Company Residential Directory
	KAPLAN MORRIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	KAPLAN ROSE	Manhattan and Bronx Directory Publishing Company Residential Directory
	KROPP FRANK	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	LEWINGER ADOLPH	Manhattan and Bronx Directory Publishing Company Residential Directory
	STEIN MANNIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	VALENTINE CONCEPTION	Manhattan and Bronx Directory Publishing Company Residential Directory
	VALENTINE EMELIO	Manhattan and Bronx Directory Publishing Company Residential Directory
	WECHSLER SAML	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	BENOWICH L CONFCTR SUPP	New York Telephone
	CHERTCOFF A LTHR & FNDNGS	New York Telephone
	DUHL DAVID EMBDY	New York Telephone
	GLOBE CONFECTIONERY SUPPLY CO	New York Telephone
	ZEIG BERNARD R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1983	NEVES J	New York Telephone
1931	GEZUNTERMAN MAX	Manhattan and Bronx Directory Publishing Company Residential Directory
	GEZUNTERMAN HENRY	Manhattan and Bronx Directory Publishing Company Residential Directory
	GEZUNTERMAN BESSIE	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	WRIGHT NELL MRS	New York Telephone
1947	WRIGHT NELL MRS	New York Telephone
1942	WRIGHT SAM	New York Telephone
1931	CHEPOW OSCAR	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	ROTHSTEIN HARRY R	New York Telephone
	CHEPOW O DRESSES	New York Telephone
	CHEPOW MME DRESSES	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	ROMAN CRUZ MRS	New York Telephone
1950	HERMAN CELIA	New York Telephone
1947	HERMAN CELIA	New York Telephone
1942	HERMAN CELIA	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	HERMAN GEO M	Manhattan and Bronx Directory Publishing Company Residential Directory
	HERMAN MILDRED E	Manhattan and Bronx Directory Publishing Company Residential Directory
	HERMAN MORRIS	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	HERMAN JACOB IDS TAILR	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1978	JACKSON INEZ R	New York Telephone
1973	ALLEYNE LENN	New York Telephone
	ALVAREZ SUSANNA	New York Telephone
	BRAILE ANTRONV	New York Telephone
	DURHAM CALVIN J	New York Telephone
	FLEMING FLORENCE	New York Telephone
	FULTON MARY MRS	New York Telephone
	JACKSON INEZ R	New York Telephone
	JONES CHAS E	New York Telephone
	MORALES JUAN	New York Telephone
1968	FIGUEROA JOSEFINA	New York Telephone
	FLEMING FLORENCE	New York Telephone
	HUTCHINSON GENEVIEVE	New York Telephone
	JONES CHAS E	New York Telephone
	JONES VIOLA MRS	New York Telephone
	MARTIN JOHN R	New York Telephone
	ROSADO JUANA MRS	New York Telephone
	TORRES NOELIA	New York Telephone
1963	ABRAMSEN PEARL H MRS	New York Telephone
	ARROYO GERALDO	New York Telephone
	COTTON JAS E	New York Telephone
	FIGUEROA JOSEFLNA	New York Telephone
	FLEMING FLORENCE	New York Telephone
	FULTON MARY MRS	New York Telephone
	INDIANO BOTANICAL GARDENS	New York Telephone
	JONES CHAS E	New York Telephone
	LOY JOE Y	New York Telephone
	ORTIZ ALEXNDR	New York Telephone
	RAMOS CARMEN	New York Telephone
	RUIZ JAS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	FARGAS JUAN	New York Telephone
	JONES CHAS E	New York Telephone
	JOSEPH STANLEY H	New York Telephone
	KING WWSIEY J	New York Telephone
	LOY JOE Y	New York Telephone
	SAMBERG MAX	New York Telephone
	VENTURA ERASTO P	New York Telephone
1956	CHARLES BOBBIE F MRS	New York Telephone
	FARGAS JUAN	New York Telephone
	JOHNSON MAUDESTINE	New York Telephone
	JONES CHAS E	New York Telephone
	JOSEPH STANLEY H	New York Telephone
	ROBLES ANTONIA	New York Telephone
	RODRIGUEZ FEDERICO	New York Telephone
	SABATER ELIZ M	New York Telephone
	SAMBERG MAX	New York Telephone
	VENTURA ERASTO P	New York Telephone
1950	WRIGHT ALONZO E	New York Telephone
	BOND CARLOTA E MRS	New York Telephone
	FARGAS JUAN	New York Telephone
	MITCHELL JOHNNY ANTIQS	New York Telephone
	SAMBERG MAX	New York Telephone
	VIZCARRONDO ROBT	New York Telephone
1947	BOND CARLOTA E MRS	New York Telephone
	SAMBERG BEN	New York Telephone
1931	MALKIN PAULINE	Manhattan and Bronx Directory Publishing Company Residential Directory
	RIVERA ANTOINETTE	Manhattan and Bronx Directory Publishing Company Residential Directory
	SAMBERG MAX	Manhattan and Bronx Directory Publishing Company Residential Directory
	SOLA MARY	Manhattan and Bronx Directory Publishing Company Residential Directory
	STIEGLITZ JOS	Manhattan and Bronx Directory Publishing Company Residential Directory
	WOSK ISIDORE	Manhattan and Bronx Directory Publishing Company Residential Directory
	WOSK LENA	Manhattan and Bronx Directory Publishing Company Residential Directory
	WOSK MORRIS	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	GLICKMAN DAVID	Manhattan and Bronx Directory Publishing Company Residential Directory
	KAMINER FRANK	Manhattan and Bronx Directory Publishing Company Residential Directory
	LERMAN BENNY	Manhattan and Bronx Directory Publishing Company Residential Directory
	LERMAN PAULINE	Manhattan and Bronx Directory Publishing Company Residential Directory
	LORENZ THOS	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	NEUMANN ANNA R N R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	MACEIRA MELCHOR RESTRNT	New York Telephone
1947	LA CUEVA RESTRNT	New York Telephone
1942	LA CUEVA RESTRNT	New York Telephone
1938	LIEBERMAN S BAR & GRILI	New York Telephone
1931	GERTZWOEF ETHEL	Manhattan and Bronx Directory Publishing Company Residential Directory
	LIEBERMAN DAVID	Manhattan and Bronx Directory Publishing Company Residential Directory
	LIEBERMAN JACK	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	LIEBERMAN HARRY RESTRNT	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	FRIED ISRAEL	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	WIENS DIANE	New York Telephone
1950	FERRARI V MRS	New York Telephone
1947	FERRARI V MRS	New York Telephone
1942	CHURCH ANITA	New York Telephone
	FERRARI MAIIE	New York Telephone
1931	CAMPODONI JOHN	Manhattan and Bronx Directory Publishing Company Residential Directory
	FERRARI JOSEPH	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	CAMPODORI J R	New York Telephone
	FERRARI JOS R	New York Telephone

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1988	PHILLIPS DENISE PHD	NYNEX Telephone
1983	IRRIZARY MARIA	New York Telephone
	DELGADO MARIA	New York Telephone
1958	C & B SALES CO BTY SUPIS	New York Telephone
	FIGUEROA JACINTO	New York Telephone
1956	GNOME PRESS INC	New York Telephone
1931	ERLER MAX	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	CONFINA & ABOLOFIA APRONS	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	F & D FLOWERS	NYNEX Telephone
1931	STEIN EDDIE	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	HALL GEO	New York Telephone
1931	BUDENETZ BERNARD	Manhattan and Bronx Directory Publishing Company Residential Directory
	BUDENETZ ZEISSKIN	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	BUDNETZ J CARPNTR	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	BORMAN LILLY MRS	New York Telephone
	BRENES CARMEN	New York Telephone
	COLLINS MAY B MRS	New York Telephone
	DEL VAOLE EDW	New York Telephone
	HENNEMANN ALBERTINA	New York Telephone
	WHITLEY WILLARD	New York Telephone
1963	BORMAN LILLY MRS	New York Telephone
	BRENES CARMEN	New York Telephone
	COLON GENEROSA MRS	New York Telephone
	CORREA CARLOS G	New York Telephone
	DAM MORTON	New York Telephone
	HENNEMANN ALBERTINA	New York Telephone
	HILL ADA	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	PABON JAIME	New York Telephone
	SANCHEZ ARTHUR GROCERY BUTCHER	New York Telephone
	SCHENKER CHAS	New York Telephone
	WASHINGTON MARK	New York Telephone
1958	BRENES CARMEN	New York Telephone
	COLON GENEROSA MRS	New York Telephone
	CONTRERAS VENERANDA MRS	New York Telephone
	DAM MORTON	New York Telephone
	HENNAMANN ALBERTINA	New York Telephone
	PABON JAIME	New York Telephone
	ROCHE JUAN	New York Telephone
	ROMAN SIXTA MRS	New York Telephone
	SANCHEZ ARTHUR UROCLY LUTCHER	New York Telephone
	HENNEMANN ALBERTINA	New York Telephone
1956	ALVARADO NARCISA MRS	New York Telephone
	BORMAN LILLY MRS	New York Telephone
	CASTRO DOMINGO	New York Telephone
	DAM MORTON	New York Telephone
	DE JESUS ELIGIA	New York Telephone
	GARCIA BLASINA MRS	New York Telephone
	GRANELA MARIA MRS	New York Telephone
	HERNANDEZ ALFREDO	New York Telephone
	ROCHE JUAN	New York Telephone
	SANCHEZ ARTHUR GROCERY BUTCHER	New York Telephone
	TUCKER JAS H	New York Telephone
1950	MCELROY SAMMIE	New York Telephone
	MC HANEY CHARLOTTE MRS	New York Telephone
	SANCHEZ ARTHUR GROCERY BUTCHER	New York Telephone
1947	SANCHEZ ARTHUR GROCERY BUTCHER	New York Telephone
	LITTLE THELMA HAIR CO	New York Telephone
	DEAS JACOB EARNEST B	New York Telephone
	BECERIL A STATNRY	New York Telephone
	SANDERS JOHNIE	New York Telephone
1931	ALVARES JISTO	Manhattan and Bronx Directory Publishing Company Residential Directory
	OCTAVIO CARABALLO	Manhattan and Bronx Directory Publishing Company Residential Directory
	VASQUEZ ZOLIOS	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	SANTOS JOS	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	AMSTER MORRIS BUTCHER	New York Telephone
	FARBER A STATNRY	New York Telephone
	RODRIGUEZ JOS NURSE	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1998	LARUE FOOD CORP	NYNEX Telephone
1993	LARUE FOOD CORP	NYNEX Telephone
1988	LARUE FOOD CORP	NYNEX Telephone
1978	J A M TROPICAL PRODS	New York Telephone
	J A M TROPICAL PRODS	New York Telephone
	MARICAL-AGOSTO INC	New York Telephone
	MARICAL-AGOSTO INC	New York Telephone
	MARICAL-AGOSTO INC	New York Telephone
	MARICAL JULIO A B	New York Telephone
1973	JAM TROPICAL PRODS	New York Telephone
	JAM TROPICAL PRODS	New York Telephone
	MARICAL AGOSTO INC	New York Telephone
	MARICAL AGOSTO INC	New York Telephone
	MARICAL JULIO A B	New York Telephone
1968	J A M TROPICAL PRODS	New York Telephone
	MARICAL-AGOSTO INC	New York Telephone
	MARICAL-AGOSTO INC	New York Telephone
	MARICAL-AGOSTO INC	New York Telephone
	MARICAL JULIO A B	New York Telephone
	J A M TROPICAL PRODS	New York Telephone
1963	JAM TROPICAL PRODS	New York Telephone
	JAM TROPICAL PRODS	New York Telephone
	J A M TROPICAL PRODS	New York Telephone
	J A M TROPICAL PRODS	New York Telephone
	MARICAL AGOSTO INC	New York Telephone
	MARICAL AGOSTO LNC	New York Telephone
	MARICAL JULIO A B	New York Telephone
1927	BORKO P	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	GONZALEZ J STATNRY	New York Telephone
1956	PINEIRO ENRIQUE	New York Telephone
1950	GONZALEZ J STATNRY	New York Telephone
1938	LEFKO J MISS STATNRY	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1978	A & R MEAT CO	New York Telephone
1973	PARK AV ENCLOSED MKT MERCHS ASSN	New York Telephone
	A & R MEAT CO	New York Telephone
1968	ALBERTO & RA DHAEL MEAT MKT	New York Telephone
1963	PARK AV ENCLOSED MKT MERCHS ASSN	New York Telephone
	A & R MEAT MKT	New York Telephone
1958	CORUJO FELIPE	New York Telephone
1956	ORTIZ AUGUSTIN	New York Telephone
1931	LIVOWSKY WM	Manhattan and Bronx Directory Publishing Company Residential Directory
	HARAB MORRIS	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	LAUBE BEN R	New York Telephone
	TEICHER FRANK CARPNTR	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	FLARES AFORTUNADO	New York Telephone
	ORTIZ FELICITA	New York Telephone
	TODD ROBT LEE	New York Telephone
1963	CALHOUN MARGARETL MRS	New York Telephone
	FUENTES ROSEMARIE	New York Telephone
	NEAL ELIZ MRS	New York Telephone
	NEAL SANDRA E	New York Telephone
	ROSAS RUBEN	New York Telephone
	SERVIO SYLVIA	New York Telephone
	TODD ROBT LEE	New York Telephone
1958	BAKER REBECCA MRS	New York Telephone
	CARRASQUILLO FRANCISCO	New York Telephone
	ESCUDERO JOSE	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	MELENDEZ ANGEL	New York Telephone
	NEAL SAML	New York Telephone
	PASTOR FRANCISCO	New York Telephone
	PUERTO RICO RESTRNT	New York Telephone
	SERVIO SYLVIA	New York Telephone
	TODD ROBT LEE	New York Telephone
1956	BAKER REBECCA MRS	New York Telephone
	CARRASQUILLO FRANCISCO	New York Telephone
	DIAZ JOSE	New York Telephone
	DICKERSON JOHN A	New York Telephone
	RAMOS JULIA MRS	New York Telephone
	SERVIO SYLVIA	New York Telephone
1950	DICKERSON JOHN A	New York Telephone
	JONAS DRUG CO	New York Telephone
	SCHAVIRS JAS	New York Telephone
1947	CAMACHO JOHN NOTARY	New York Telephone
	DICKERSON JOHN A	New York Telephone
	JONAS DRUG CO	New York Telephone
1931	ANFOSSO ROSARIO O	Manhattan and Bronx Directory Publishing Company Residential Directory
	ARROYA JESUS	Manhattan and Bronx Directory Publishing Company Residential Directory
	COHEN BARNET	Manhattan and Bronx Directory Publishing Company Residential Directory
	CORAZON PABLO	Manhattan and Bronx Directory Publishing Company Residential Directory
	GABRIEL FANNIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	GABRIEL ISAAC	Manhattan and Bronx Directory Publishing Company Residential Directory
	GARCIA ANGELO	Manhattan and Bronx Directory Publishing Company Residential Directory
	HELFENBEIN JENNIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	HELFENBEIN LEON	Manhattan and Bronx Directory Publishing Company Residential Directory
	MINARSKY JOSEPH	Manhattan and Bronx Directory Publishing Company Residential Directory
	RODRIGUES CHAS	Manhattan and Bronx Directory Publishing Company Residential Directory
	RODRIGUES JOSE S	Manhattan and Bronx Directory Publishing Company Residential Directory
	SILEN JOSE P	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	TAYLOR MORRIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	WEINTRAUB ABR	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	MARRON BETTY MISS R	New York Telephone
	MICHAELSON MORRIS R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1993	RAMOS ROBERT	NYNEX Telephone
1988	ABEL TR0ICAL FRUIT	NYNEX Telephone
	ARCE CECILIA	NYNEX Telephone
	DELGADO MARIA	NYNEX Telephone
	HERNANDEZ LUZ	NYNEX Telephone
	LUGO I JUAN	NYNEX Telephone
	PEREZ ELSIE	NYNEX Telephone
	RAMOS MARIBEL	NYNEX Telephone
	SANTANA A	NYNEX Telephone
	TORRES MARIA	NYNEX Telephone
1983	ARCE CECILIA	New York Telephone
	GARCIA ANGEL WAREHOUSE	New York Telephone
	LOPEZ MARIA	New York Telephone
	LUGO I JUAN	New York Telephone
	LYNN D	New York Telephone
	LYNN GEORGINA	New York Telephone
	SANTIAGO ERIC	New York Telephone
1978	LUGOL JUAN	New York Telephone
	MERCADO VICTOR	New York Telephone
	MORENO ENRIQUE	New York Telephone
	RIVERA M	New York Telephone
	SEPULVEDA CESAR	New York Telephone
1973	ALVARADO PABLO	New York Telephone
	FEBRES JUAN	New York Telephone
	MATOS ROSE	New York Telephone
	MORENO ENRIQUE	New York Telephone
	NEGRON GELACIO	New York Telephone
	RICHARDS CECILIA	New York Telephone
1968	ALVAREZ G	New York Telephone
	BARNES PENN Y	New York Telephone
	CINTRON EUFEINIO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	FIGUEROA JACINTO	New York Telephone
	GARRIDO G MRS	New York Telephone
	GUERRA JOSEFINA MRS	New York Telephone
	LUGO I JUAN	New York Telephone
	MATOS ROSE	New York Telephone
	MC LAUGHLIN MARGARET	New York Telephone
	MERCADO VICTOR	New York Telephone
	NEGRON GELACIO	New York Telephone
	VAZQUEZ DIONISIO	New York Telephone
	ZEILER SYDNEY	New York Telephone
1963	GUERRA JOSEFINA MRS	New York Telephone
	GUTIERREZ YOLANDA	New York Telephone
	LORENZI FELICITA	New York Telephone
	LORENZI LOUIS	New York Telephone
	MALAVE PABLO V	New York Telephone
	MERCADO VICTOR	New York Telephone
	VASQUEZ DIONISIO	New York Telephone
1958	GARRIDO G MRS	New York Telephone
	ADORNO CARMELO	New York Telephone
	DEAS JACOB ERNEST B	New York Telephone
	GARRIDO G MRS	New York Telephone
	LITTLE THELMA HAIR CO	New York Telephone
	MERCADO VICTOR	New York Telephone
	SANTIAGO JUAN	New York Telephone
1956	SCHENKER CHAS	New York Telephone
	ADORNO CARMELO	New York Telephone
	CARBONELL LUISA MRS	New York Telephone
	DEAS JACOB ERNEST B	New York Telephone
	LITTLE THELMA HAIR CO	New York Telephone
	LUGO IDA MRS	New York Telephone
	MERCADO VICTOR	New York Telephone
	PELTON BESSIE MRS	New York Telephone
	PEREZ URSULA MRS	New York Telephone
	RUIZ MANUEL	New York Telephone
1950	SANTIAGO JUAN	New York Telephone
	SCHENKER CHAS	New York Telephone
	GARCIA BENJ REV	New York Telephone
	LITTLE THELMA HAIR CO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	MERCED E	New York Telephone
	RUIZ MANUEL E	New York Telephone
	SCHENKER CHAS	New York Telephone
	TIRADO JOS	New York Telephone
	DEAS JACOB ERNEST B	New York Telephone
1947	FELICIAN A SPORTSWR	New York Telephone
1938	LIPPMAN PAUL BTCJR	New York Telephone
1931	ANGEL SOPHIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	AUGUSTINE CHAS	Manhattan and Bronx Directory Publishing Company Residential Directory
	AUGUSTINE SADIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	BENSON SAM	Manhattan and Bronx Directory Publishing Company Residential Directory
	CASE LOUIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	CRANE DORA	Manhattan and Bronx Directory Publishing Company Residential Directory
	CRANE JACOB	Manhattan and Bronx Directory Publishing Company Residential Directory
	DVORSKY TGNATZ	Manhattan and Bronx Directory Publishing Company Residential Directory
	ENGEL SAM	Manhattan and Bronx Directory Publishing Company Residential Directory
	GORDON WM	Manhattan and Bronx Directory Publishing Company Residential Directory
	GREENSTEIN NATHAN	Manhattan and Bronx Directory Publishing Company Residential Directory
	HAUSMAN WM	Manhattan and Bronx Directory Publishing Company Residential Directory
	KIRCHNER CATH	Manhattan and Bronx Directory Publishing Company Residential Directory
	KIRCHNER JOS	Manhattan and Bronx Directory Publishing Company Residential Directory
	KIRCHNER LILLIAN	Manhattan and Bronx Directory Publishing Company Residential Directory
	KIRSCHNER SAML	Manhattan and Bronx Directory Publishing Company Residential Directory
	LIPPMAN IRVING	Manhattan and Bronx Directory Publishing Company Residential Directory
	MARTINEZ ANDREAS	Manhattan and Bronx Directory Publishing Company Residential Directory
	TALMADGE NATHAN	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	VALENTIN ANGEL	Manhattan and Bronx Directory Publishing Company Residential Directory
	WISHNEY DAVID	Manhattan and Bronx Directory Publishing Company Residential Directory
	WISHEZY JULIUS	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	BENSON S MACHINIST	New York Telephone
	COHEN ISADORE R	New York Telephone
	LIPPMAN PAUL BUTCHER	New York Telephone
	LOPATO S PIANO INSTR	New York Telephone
	PRENSKY SAML R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	CONFINO MICHL	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	ALVES JOHN COMSRY CONTRS	New York Telephone
1968	ALVES JOHN COMSRY CONTRS	New York Telephone
1963	ALVES JOHN COMSRY CONTRS	New York Telephone
1950	BADILLO ELIAS FURN	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1998	PARK AV BANANA CO	NYNEX Telephone
1993	PARK AV BANANA CO WHOLESALE BANANA DISTRIBUTOR	NYNEX Telephone
	PARK AN BANANA CO	NYNEX Telephone
	PARK AV BANANA CO	NYNEX Telephone
1988	PARK AV BANANA CO WHOLESALE BANANA DISTRIBUITOFR	NYNEX Telephone
	PARK AV BANANA CO	NYNEX Telephone
	PARK AV BANANA CO	NYNEX Telephone
1983	PARK AV BANANA CO	New York Telephone
	PARK AV BANANA CO	New York Telephone
	PARK AV BANANA CO	New York Telephone
1978	PARK AV BANANA CO	New York Telephone
	PARK AV BANANA CO	New York Telephone
1973	PARK AV BANANA CO	New York Telephone
	PARK AV BANANA CO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	PARK AV BANANA CO	New York Telephone
1968	A MEXICAN IMPRT CORP	New York Telephone
1963	NINETY-ONE EAST ONE HUNDRED ELEVENTH ST REALTY CORP	New York Telephone
	PARK AV BANANA CO	New York Telephone
1931	MORALES DANL	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1938	WEZEKEWITZ ABRAHAM	New York Telephone
1927	WEISBERG A R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Zinner Adolf sal	R. L. Polk & Co.
	Sugarman Harry	R. L. Polk & Co.
	Silverman Benj clk	R. L. Polk & Co.
	Rubenstein Arnold A	R. L. Polk & Co.
	Rothausen Saml br mgr Busy Bee Butter & Egg Mkt	R. L. Polk & Co.
	Rockow Wolf	R. L. Polk & Co.
	Cohen Jacob shoes	R. L. Polk & Co.
	Berman Jacob Berman Bros	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Hoffman Sam baker	R. L. Polk & Co.
	br	R. L. Polk & Co.
	London & London Saml and Isidore London food products	R. L. Polk & Co.
1920	Chechek Harry Metropolitan Cork Co	R. L. Polk & Co.
	Cohen Saml A clk	R. L. Polk & Co.
	Kalvin Saml W Augusta Ribbon Co	R. L. Polk & Co.
	Matican Benj Fels & Matican	R. L. Polk & Co.
	Olshinsky Max roofer	R. L. Polk & Co.
	Polsky Max clk	R. L. Polk & Co.
	Salerno Mark	R. L. Polk & Co.
	Stern Jacob clk	R. L. Polk & Co.

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Cohen Herman	R. L. Polk & Co.
1920	Buchholz Albert A bkpr	R. L. Polk & Co.
	Buchholz Herman	R. L. Polk & Co.
	Buchholz Saml clk	R. L. Polk & Co.
	Buchholz Sylvia C notary	R. L. Polk & Co.
	Cohen Frank printer	R. L. Polk & Co.
	Cohen Louis pdlr	R. L. Polk & Co.
	Fisher Edw slsmn	R. L. Polk & Co.
	Fisher Isaac clk	R. L. Polk & Co.
	Fisher Saml clk	R. L. Polk & Co.
	Friedman Jos	R. L. Polk & Co.
	Kopengut Nathan gro	R. L. Polk & Co.
	Lipson Sol	R. L. Polk & Co.
	Lipson Wm slsmn	R. L. Polk & Co.
	Sensale Robt	R. L. Polk & Co.

66 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Jarow Saml asst mgr Biltmore Textile Mills	R. L. Polk & Co.
1923	Kaplan Sidney	R. L. Polk & Co.
1920	Bushel Morris clk	R. L. Polk & Co.
	Gordon Morris clk	R. L. Polk & Co.
	Grossman Max slsmn	R. L. Polk & Co.
	Zilber S Mrs	R. L. Polk & Co.
	Lowenstein Sidney M Lowenstein & Sons	R. L. Polk & Co.
	Moskowitz Louis pntr	R. L. Polk & Co.
	Newman Barnet Newman Bros	R. L. Polk & Co.
	Newman David Newman Bros	R. L. Polk & Co.
	Salk Chas	R. L. Polk & Co.
	Jerome Hyman dresaes	R. L. Polk & Co.
	Wolin Mark	R. L. Polk & Co.
	Williams Jacob Columbia Poultry Co	R. L. Polk & Co.
	Weisberg Geo United Shirt Co	R. L. Polk & Co.
	Weisberg Benj High Grade Shirt Co	R. L. Polk & Co.
	Weinberger Chas A clk	R. L. Polk & Co.

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Olshinsky Max Rose tinsmith	R. L. Polk & Co.
	Kroop Frank acct	R. L. Polk & Co.
	Globe Confectionery Supply Co RTN; Leon Benowich	R. L. Polk & Co.
1923	Duhl David embdy	R. L. Polk & Co.
	Harlem Biscuit Exch RTN Harry Bosenstock	R. L. Polk & Co.
1920	Zitman Jos	R. L. Polk & Co.
	Zitman David D Zitman & Co	R. L. Polk & Co.
	Streckwsky Jacob	R. L. Polk & Co.
	Schultz Julius carp	R. L. Polk & Co.
	Mitteldorf Max	R. L. Polk & Co.
	Kook Perets Investigator	R. L. Polk & Co.
	Konovitch Keve	R. L. Polk & Co.
	Klein Tony	R. L. Polk & Co.
	Harlem Biscuit Exchange RTN Barnet Berestitzsky	R. L. Polk & Co.
	Ginsberg Jos slsmn	R. L. Polk & Co.
	Berkowitz Alfred Madison Bargain Store	R. L. Polk & Co.
	Berestitzky Barnet Harlem Biscuit Exchange	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Douglas Saml D phys	R. L. Polk & Co.

74 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Stamler Saml pres Oak Laundry Inc h Lynbrook LI	R. L. Polk & Co.
	Herman Jacob tailor	R. L. Polk & Co.
	Stamler Saml lab	R. L. Polk & Co.

75 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Cohen Moses c/o Campbell Metzger & Jacobs	R. L. Polk & Co.
1920	Shapiro Meyer Rosengaft & Shapiro	R. L. Polk & Co.
	Shapiro Max Shapiro Schneider & Katz	R. L. Polk & Co.
	Pivnik Louis opr	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Passen Jos	R. L. Polk & Co.
	Lala Michl	R. L. Polk & Co.
	Cohen Jos insp	R. L. Polk & Co.
	Kaminer Frank	R. L. Polk & Co.
	Gold Chas paperhgr	R. L. Polk & Co.
	Davis Louis litho	R. L. Polk & Co.

79 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Zuckerbrau Hyman Ruth whol underwear	R. L. Polk & Co.
1920	Davis Abr l vans	R. L. Polk & Co.

80 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Neiderman Adde antiques	R. L. Polk & Co.
	Central Apron Co RTN Caliph Confino	R. L. Polk & Co.
	Confino Algern Mrs apron mfr	R. L. Polk & Co.
	branches	R. L. Polk & Co.
1920	Barasz Saml phys	R. L. Polk & Co.
	Barros Moses tchr PS	R. L. Polk & Co.
	Barras Iris E clk	R. L. Polk & Co.

82 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Hidalgo Alex restr wkr	R. L. Polk & Co.
1920	Slobody Saml	R. L. Polk & Co.
	Eisenberg Isidor slsmn	R. L. Polk & Co.
	Greenberg Sigmund	R. L. Polk & Co.
	Mendez Isidore	R. L. Polk & Co.

83 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Cohen Jacob ctr	R. L. Polk & Co.
	Greene Louis furrior	R. L. Polk & Co.
	Seldin Hyman agt NY Life Ins Co	R. L. Polk & Co.
	Zimmerman Jacob pdlr	R. L. Polk & Co.
	Cohen Benj police	R. L. Polk & Co.
	Cohen Benj pres House of Souvenirs h Far Rockaway BQ	R. L. Polk & Co.

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Adelson Saml Adelson & Co	R. L. Polk & Co.
	Adelson & Co Saml Adelson Benj Binderman dresses	R. L. Polk & Co.

85 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Leibling Morris	R. L. Polk & Co.
	Cowen Abr Y	R. L. Polk & Co.
	Cohen Jacob opr	R. L. Polk & Co.
	Nathanson Isidore	R. L. Polk & Co.
	Lubow Jos	R. L. Polk & Co.

87 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Lipson Louis H	R. L. Polk & Co.
	Kurlander Sol Kurlander & Mayerson	R. L. Polk & Co.
	Kaplan Robt clk PO h Garwood NJ	R. L. Polk & Co.
	Kaplan RobtPerfect Button Works	R. L. Polk & Co.
	Cohen Barnet clk	R. L. Polk & Co.

88 E 111TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Lippman Philip Bessie meats	R. L. Polk & Co.
1923	Gruder Saml c/o Fox River Butter Co	R. L. Polk & Co.
	Lopato S mus tchr	R. L. Polk & Co.
1920	Berman Abr baker	R. L. Polk & Co.
	Bigleson Issac slsmn	R. L. Polk & Co.
	Cohen Isidor musician	R. L. Polk & Co.
	Glickman Wm opr	R. L. Polk & Co.
	Gordon Benj carp	R. L. Polk & Co.
	Greengood Bernard A clk	R. L. Polk & Co.
	Gruder Saml slsmn	R. L. Polk & Co.
	Malanuth Beatrice R sec Orkin Bros Inc	R. L. Polk & Co.
	Maron Isaac slsmn	R. L. Polk & Co.
	Miller Israel ctr	R. L. Polk & Co.
	Schwartz Nathan Schwartz & Melhcker	R. L. Polk & Co.
	Slobodin Sol carp	R. L. Polk & Co.
	Slogadin Saml A carp	R. L. Polk & Co.
	Sternbach Louis	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Wienberg Moses	R. L. Polk & Co.

E 111TH H DO

62 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Jardon Jose Esperanza cigars	R. L. Polk & Co.
1920	Berman Irving Berman Bros	R. L. Polk & Co.

63 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Good A paperhugr	R. L. Polk & Co.

66 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Citron G B Phys	R. L. Polk & Co.
1920	Rosenblum Morris pntr	R. L. Polk & Co.
	Koplin Louis pres treas Acme Truck Sales Co h Orange NJ	R. L. Polk & Co.
	Koplin Isaac dentist	R. L. Polk & Co.

68 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Citron Gerson B phys	R. L. Polk & Co.

72 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Chepow Oscar dresses	R. L. Polk & Co.

74 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Herman Jacob Bertha ladies tailor	R. L. Polk & Co.
1923	Herman Jacob ladies tailor	R. L. Polk & Co.
	Herman Geo M Ins	R. L. Polk & Co.

75 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Neumann Anna opr Hotel Mc Alpin r Yonkers NY	R. L. Polk & Co.
	Neumann Anna nurse	R. L. Polk & Co.

FINDINGS

80 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Goldberg Saml Lena restr	R. L. Polk & Co.
1923	Barras Iris E ins broker	R. L. Polk & Co.
	Barris Saml phys	R. L. Polk & Co.

87 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Shapiro Adolph pntr	R. L. Polk & Co.

88 E 111TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Dorsey Louis signs	R. L. Polk & Co.

E 111th St

60 E 111th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	R & C WINE & LIQUOR INC	EDR Digital Archive
	R & C WINE & LIQUOR INC	EDR Digital Archive

E 111TH ST

60 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Trestman Abe	Manhattan and Bronx Directory Publishing Company Residential Directory

62 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Greines A A Dr dntst	New York Telephone

63 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Shines Matthew	Manhattan and Bronx Directory Publishing Company Residential Directory
	Carter Henry	Manhattan and Bronx Directory Publishing Company Residential Directory
	Dolgow Hyman	Manhattan and Bronx Directory Publishing Company Residential Directory
	Levine Mayer	Manhattan and Bronx Directory Publishing Company Residential Directory
	Meyers Morris	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Weisberger Benj btchr	New York Telephone
	Richman Isaac r	New York Telephone

E 111th St

64 E 111th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LA CELIA OWNERS CORPORATION	EDR Digital Archive
	LA CELIA OWNERS CORPORATION	EDR Digital Archive

E 111TH ST

64 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Burnett Harrison	Manhattan and Bronx Directory Publishing Company Residential Directory
	Valiente Anna	Manhattan and Bronx Directory Publishing Company Residential Directory
	Valentini Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
	Tarrats Pedro J	Manhattan and Bronx Directory Publishing Company Residential Directory
	Siskind Sam	Manhattan and Bronx Directory Publishing Company Residential Directory
	Siskind Bessie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rodriguez Balbino	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rivera Vincente	Manhattan and Bronx Directory Publishing Company Residential Directory
	Garcia Ulpiano	Manhattan and Bronx Directory Publishing Company Residential Directory
	Jimenez Jose	Manhattan and Bronx Directory Publishing Company Residential Directory
	Ramirez Jose	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Stern E r	New York Telephone
	Price Fanny Mrs r	New York Telephone
	Frankelstein Saml r	New York Telephone

66 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Fischer Anna	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Goldstein Abr	Manhattan and Bronx Directory Publishing Company Residential Directory
	Goldstein Benj	Manhattan and Bronx Directory Publishing Company Residential Directory
	Goldstein Yetta	Manhattan and Bronx Directory Publishing Company Residential Directory
	Hunter Agnes	Manhattan and Bronx Directory Publishing Company Residential Directory
	Hunter Chas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Jaroslaw Morris	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kaplan Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kaplan Sidney	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kozak Florence	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rosenblum Ida	Manhattan and Bronx Directory Publishing Company Residential Directory
	Schutz Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
	Schwartz David	Manhattan and Bronx Directory Publishing Company Residential Directory
	Sternberg Etta	Manhattan and Bronx Directory Publishing Company Residential Directory
	Trestman Yetta	Manhattan and Bronx Directory Publishing Company Residential Directory
	Zughaft Gussie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Zughaft Nathan E	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Black Chas r	New York Telephone
	Bushel Morris r	New York Telephone
	Caligor Saml r	New York Telephone
	Citron G B MD r	New York Telephone
	Kaplan Sidney L r	New York Telephone
	Koplin Isaac Dr r	New York Telephone
	Moskowitz Louis r	New York Telephone
	Newman Barnet r	New York Telephone
	Newman David r	New York Telephone
	Rosenblum Morris r	New York Telephone
	APARTMNTS & APARTMENT HOUSES	New York Telephone
	Sachs Arthur r	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Salmanowitz Harry r	New York Telephone
	Spivack Nathan r	New York Telephone
	Sternberg David r	New York Telephone

67 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Grunberger Milton	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Kaplan Rose	Manhattan and Bronx Directory Publishing Company Residential Directory
	Valentine Emelio	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kafton Simon	Manhattan and Bronx Directory Publishing Company Residential Directory
	Israelowitz Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
	Israelowitz Irvin	Manhattan and Bronx Directory Publishing Company Residential Directory
	Falatsky Annie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Brody Lena	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kropp Frank	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lewinger Adolph	Manhattan and Bronx Directory Publishing Company Residential Directory
	Stein Mannie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Valentine Conception	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wechsler Saml	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kaplan Morris	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Zeig Bernard r	New York Telephone
	Globe Confectionery Supply Co	New York Telephone
	Duhl David embdy	New York Telephone
	Chertcoff A lthr & findngs	New York Telephone
	Benowich L confctr supp	New York Telephone

FINDINGS

70 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Gezunterman Henry	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gezunterman Bessie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gezunterman Max	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Chepow Oscar	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Rothstein Harry r	New York Telephone
	Chepow O dresses	New York Telephone
	Chepow Mme dresses	New York Telephone

74 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Herman Geo M	Manhattan and Bronx Directory Publishing Company Residential Directory
	Herman Mildred E	Manhattan and Bronx Directory Publishing Company Residential Directory
	Herman Morris	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Herman Jacob Ids tailr	New York Telephone

75 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Wosk Lena	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wosk Isidore	Manhattan and Bronx Directory Publishing Company Residential Directory
	Stieglitz Jos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Sola Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
	Samberg Max	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rivera Antoinette	Manhattan and Bronx Directory Publishing Company Residential Directory
	Malkin Pauline	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lorenz Thos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lerman Pauline	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Lerman Benny	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kaminer Frank	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wosk Morris	Manhattan and Bronx Directory Publishing Company Residential Directory
	Glickman David	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Neumann Anna R N r	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Gertzwoef Ethel	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lieberman David	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lieberman Jack	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wolf Ben	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Lieberman Harry restrnt	New York Telephone

77 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Fried Israel	Manhattan and Bronx Directory Publishing Company Residential Directory

78 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Ferrari Joseph	Manhattan and Bronx Directory Publishing Company Residential Directory
	Campodoni John	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Ferrari Jos r	New York Telephone
	Campodori J r	New York Telephone

80 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Erlor Max	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Confina & Abolofia aprons	New York Telephone

FINDINGS

81 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Stein Eddie	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Budenetz Zesskin	Manhattan and Bronx Directory Publishing Company Residential Directory
	Budenetz Bernard	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Budnetz J carpnr	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Vasquez Zolios	Manhattan and Bronx Directory Publishing Company Residential Directory
	Santos Jos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Octavio Caraballo	Manhattan and Bronx Directory Publishing Company Residential Directory
	Alvares Jisto	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Rodriguez Jos nurse	New York Telephone
	Farber A statnry	New York Telephone
	Amster Morris butcher	New York Telephone

84 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	86 No Current Listing	Hill-Donnelly Information Services
1927	Borko P	New York Telephone

86 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Livowsky Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
	Harab Morris	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Teicher Frank carpnr	New York Telephone
	Laube Ben r	New York Telephone

87 E 111TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Weintraub Abr	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Taylor Morris	Manhattan and Bronx Directory Publishing Company Residential Directory
	Silen Jose P	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rodrigues Jose S	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rodrigues Chas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Anfosso Rosario O	Manhattan and Bronx Directory Publishing Company Residential Directory
	Arroya Jesus	Manhattan and Bronx Directory Publishing Company Residential Directory
	Cohen Barnet	Manhattan and Bronx Directory Publishing Company Residential Directory
	Corazon Pablo	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gabriel Fannie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gabriel Isaac	Manhattan and Bronx Directory Publishing Company Residential Directory
	Garcia Angelo	Manhattan and Bronx Directory Publishing Company Residential Directory
	Helfenbein Jennie	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Helfenbein Leon	Manhattan and Bronx Directory Publishing Company Residential Directory
	Minarsky Joseph	Manhattan and Bronx Directory Publishing Company Residential Directory
	Marron Betty Miss r	New York Telephone
	Michaelson Morris r	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Velez David	Hill-Donnelly Information Services
	h Villalva Dionel o l	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Akleh Emil AV 05os	Hill-Donnelly Information Services
	Bruno Maria	Hill-Donnelly Information Services
	Bruno Mana	Hill-Donnelly Information Services
	Bruno Maria	Hill-Donnelly Information Services
	h Castillo Jaime	Hill-Donnelly Information Services
	Cepeda Xiomara	Hill-Donnelly Information Services
	Number 27 Delgado Marta	Hill-Donnelly Information Services
	Diego Bertha A	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Divine Beauty Salon Unisex	Hill-Donnelly Information Services
	h Gual Bensabel	Hill-Donnelly Information Services
	h Lara Nicolas	Hill-Donnelly Information Services
	Machado M	Hill-Donnelly Information Services
	Mendoza Efrain	Hill-Donnelly Information Services
	Number 7 Pena Maria	Hill-Donnelly Information Services
	Number 12 h Perez Elsie	Hill-Donnelly Information Services
	h Perez Gloria	Hill-Donnelly Information Services
	Perez Reyna o	Hill-Donnelly Information Services
	Number 8 h Quiros Iris AV	Hill-Donnelly Information Services
	Remijio Rosaura	Hill-Donnelly Information Services
	Salgado Mana	Hill-Donnelly Information Services
	Number 18 h Sandoval Ismael	Hill-Donnelly Information Services
2000	JULIO GONZALEZ	Cole Information Services
	BENSABEL GUAL	Cole Information Services
	MARTA MAC HADO	Cole Information Services
	PABLO MASSIPE	Cole Information Services
	MARIA PENA	Cole Information Services
	12 ELSIE PEREZ	Cole Information Services
	8 IRIS QUIROS	Cole Information Services
	ISMAEL SANDOVAL	Cole Information Services
	14 A SANTANA	Cole Information Services
	MARIA C SANTANA	Cole Information Services
1931	MARIA TORRES	Cole Information Services
	DIVINE BEAUTY SLN	Cole Information Services
	Angel Sophie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Augustine Chas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Augustine Sadie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Benson Sam	Manhattan and Bronx Directory Publishing Company Residential Directory
	Case Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
	Crane Dora	Manhattan and Bronx Directory Publishing Company Residential Directory
	Crane Jacob	Manhattan and Bronx Directory Publishing Company Residential Directory
	Dvorsky Tgnatz	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Engel Sam	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gordon Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
	Greenstein Nathan	Manhattan and Bronx Directory Publishing Company Residential Directory
	Hausman Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kirchner Cath	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kirchner Jos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kirchner Lillian	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kirschner Saml	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lippman Irving	Manhattan and Bronx Directory Publishing Company Residential Directory
	Martinez Andreas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Talmadge Nathan	Manhattan and Bronx Directory Publishing Company Residential Directory
	Valentin Angel	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Wishney David	Manhattan and Bronx Directory Publishing Company Residential Directory
	Wishezy Julius	Manhattan and Bronx Directory Publishing Company Residential Directory
	Benson S machinist	New York Telephone
	Cohen Isadore r	New York Telephone
	Lippman Paul butcher	New York Telephone
	Lopato S piano instr	New York Telephone
	Prensky Saml r	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Confino Michl	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Morales Danl	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Weisberg A r	New York Telephone

E 112

65 E 112

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1983	Benitez Socorro Mrs	New York Telephone

E 112 F

65 E 112 F

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1978	WATSON LENORA MRS	New York Telephone
	FORD DORIS E	New York Telephone

E 112 FILMLO

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	GREEN GAHRIEL	New York Telephone

E 112 ST

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1983	QUSAYY RASHIDA M	New York Telephone
1963	RAMOS CARMELO R	New York Telephone
	ROSADO JUANA MRS	New York Telephone
	GARCIA BEATRICE MRS	New York Telephone
	CLEMENTE GUILLERMO	New York Telephone
	SPRAGGS EVA	New York Telephone
	TORRES JAS	New York Telephone
1958	TORRES JAS	New York Telephone
	SANTIAGO BENITA	New York Telephone
	RUIZ ANTONIO REYES	New York Telephone
	RODRIGUEZ JUAN	New York Telephone
	RAMOS CARMELO	New York Telephone
	PELZER LUCY MRS	New York Telephone
	MIGLIACCIO CELLA	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	LOMAX ALICE O MRS	New York Telephone
	JOSEPH VIOLA D MRS	New York Telephone
	GARCIA BEATRICE MRS	New York Telephone
	BECKLES GWENDOLYN E MRS	New York Telephone
	CLEMENTE GUILLERMO	New York Telephone
1956	APPLEWHITE CHRSTPHR C	New York Telephone
	ARCE GEO	New York Telephone
	BECKLES GWENDOLYN E MRS	New York Telephone
	GARCIA BEATRICE MRS	New York Telephone
	JOSEPH VIOLA D MRS	New York Telephone
	LOMAX ALICE O MRS	New York Telephone
	PICKETT BETTY M	New York Telephone
	PRADDY JANE MRS	New York Telephone
	RAMOS CARMELO	New York Telephone
	RIVERA JOS V	New York Telephone
	RODRIGUEZ JUAN	New York Telephone
	RUIZ ANTONIO REYES	New York Telephone
	SANTIAGO BENITA	New York Telephone
	SPRAGGS EVA	New York Telephone
	WRIGHT MARIE	New York Telephone
1950	LOMAX WM O MRS	New York Telephone
	PRADDY JANE MRS	New York Telephone
	PRADDY LEROY	New York Telephone
	SPRAGGS EVA	New York Telephone
1931	BARON WM	Manhattan and Bronx Directory Publishing Company Residential Directory
	LEWIS HAROLD	Manhattan and Bronx Directory Publishing Company Residential Directory
	PALUS RALPH	Manhattan and Bronx Directory Publishing Company Residential Directory
	RAMONS PASTOR	Manhattan and Bronx Directory Publishing Company Residential Directory
	STEIN DANL ENGR BD TRANSP	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	SPARTAN WATER WORKS	New York Telephone

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	BONET JOSE GROCERY	New York Telephone
	GONZALEZ MERCEDES MRS	New York Telephone
	NISBETT CATHRINE A MRS	New York Telephone
	PHILLIPS ALEXNDR JR	New York Telephone
	RODRIGUEZ MARIA MRS	New York Telephone
	TRIMBLE LULA J	New York Telephone
1956	BONET JOSE GROCERY	New York Telephone
	JAMES SHIRLEY I MRS	New York Telephone
	NISBETT CATHERINE A MRS	New York Telephone
	PHILLIPS ALEXNDR JR	New York Telephone
	RODRIGUEZ MARIA MRS	New York Telephone
	TRIMBLE LULA J	New York Telephone
1950	ARMSTEAD VIRGINIA P	New York Telephone
	BONET JOSE GROCERY	New York Telephone
	GUZMAN FURL CO	New York Telephone
1947	GUZMAN EXPRESS	New York Telephone
	BONET JOSE GROCERY	New York Telephone
1931	FLORES QTOINTENA	Manhattan and Bronx Directory Publishing Company Residential Directory
	GARCIA NICASIO	Manhattan and Bronx Directory Publishing Company Residential Directory
	NIVES JOQUIN	Manhattan and Bronx Directory Publishing Company Residential Directory
	PEDRAZA MANUEL	Manhattan and Bronx Directory Publishing Company Residential Directory
	RIVERA RAFAEL	Manhattan and Bronx Directory Publishing Company Residential Directory
	RODRIGUEZ SANTIAGO	Manhattan and Bronx Directory Publishing Company Residential Directory
	TRUSHIN BELLE	Manhattan and Bronx Directory Publishing Company Residential Directory
	TRUSHIN HARRY	Manhattan and Bronx Directory Publishing Company Residential Directory
	YOUNGEMAN JACOB	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	COHEN A R	New York Telephone
	COHEN BENJ D LWYR	New York Telephone
	GOODMAN L R	New York Telephone
	KLINGER MAX R	New York Telephone
	KRAMER A R	New York Telephone
	KRAMER CHAS R	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	NICASTRI JOS BARBER	New York Telephone
	WASHINGTON BARBER SUPP CO	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	BOSOWITZ JENNIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	BOSOWITZ PHIL	Manhattan and Bronx Directory Publishing Company Residential Directory
	LIEBERMAN HELEN	Manhattan and Bronx Directory Publishing Company Residential Directory
	LIEBERMAN LEON	Manhattan and Bronx Directory Publishing Company Residential Directory
	MARXUACH CARMEN	Manhattan and Bronx Directory Publishing Company Residential Directory
	MARXUACH JUAN	Manhattan and Bronx Directory Publishing Company Residential Directory
	MIRANDA MIKE	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	KAROW D INS	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1978	DELCARMEN EGLANTINE A	New York Telephone
1956	ANDINO MARIA MRS	New York Telephone
1942	PARADA CY HNDKRCHFS	New York Telephone
	NATL HANDROLLING HNDKRCHFS	New York Telephone
1927	LUSTEROL MFG CO	New York Telephone
	ORIS ROOT PRODUCT CO	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	BELTRAN P	New York Telephone
	CONTINENTL TAILORS & CLEANRS	New York Telephone
	CRISPIN JAVIER	New York Telephone
	GUTIERREZ JUAPITA MRS	New York Telephone
	MEJIAS EDELMIRO	New York Telephone
	MORENO ENRIQUE	New York Telephone
	ORTIZ RITA	New York Telephone
1963	RODRIGUEZ PEDRO	New York Telephone
	VALERIO FERNANDO R	New York Telephone
	MEJIAS EDELMIRO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	VICTOR	New York Telephone
	MALDONADO RAYMOND	New York Telephone
	BONET JOSE GROCERY	New York Telephone
	AMILL ISIDRO	New York Telephone
1958	RODRIGUEZ FERNANDO	New York Telephone
	LA PERLA TAILOR SHOP	New York Telephone
	FIGUEROA JOSE	New York Telephone
	AMOROS MERCEDES	New York Telephone
1956	VALERIO FERNANDO R	New York Telephone
	ROSARIO ROMAN	New York Telephone
	RODRIGUEZ FERNANDO	New York Telephone
	NEGRON CLAUDIO L	New York Telephone
	MIRANDA HECTOR	New York Telephone
	LA PERLA TAILOR SHOP	New York Telephone
	FIGUEROA JOSE	New York Telephone
	BARBOZA CESAR	New York Telephone
1950	LA PERLA TALLOR SHOP	New York Telephone
	ROCHESTER JOE N M	New York Telephone
1942	HAMMER MAX	New York Telephone
1938	HAMMER MAX	New York Telephone
	PARADA CIPRIANO HNDKRCHFS	New York Telephone
1931	HAMMER ROBT	Manhattan and Bronx Directory Publishing Company Residential Directory
	HAMMER SARAH	Manhattan and Bronx Directory Publishing Company Residential Directory
	MINTZER BENNY	Manhattan and Bronx Directory Publishing Company Residential Directory
	MOYLER RIDOLPH	Manhattan and Bronx Directory Publishing Company Residential Directory
	SAFRON MOLLIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	TORRES PETER	Manhattan and Bronx Directory Publishing Company Residential Directory
	VAYQUEZ RAMON	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	PRESSNER ISRAEL R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	BOWIE MOSES	New York Telephone
	BURRIS ISAAC	New York Telephone
	CALDERON FRANEESCA MRS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	FLORES JIMMY	New York Telephone
	GIMENEZ RAMONA	New York Telephone
	KASSIN MAHUH	New York Telephone
	LUDWIG RIGSBEN O	New York Telephone
	RICHARDS ALVIN S	New York Telephone
	ROHAN ALEXNDR	New York Telephone
	SHEPPARD SHIRLEY L	New York Telephone
1956	BOWIE MOSES	New York Telephone
	BURRIS ISAAC	New York Telephone
	GIMENEZ RAMONA	New York Telephone
	GIORDANI IRENE MRS	New York Telephone
	KASSIN MAHUB	New York Telephone
	LUDWIG REUBEN D	New York Telephone
	MCBEAN ALEXNDR H	New York Telephone
	O NEILL MARIO	New York Telephone
	RICHARDS ALVIN S	New York Telephone
	SHEPPARD SHIRLEY L	New York Telephone
	VERDEJO MARCELINO	New York Telephone
	WIGLEY LAWRENCE	New York Telephone
1950	BERG ETTA	New York Telephone
	BOWIE MOSES	New York Telephone
	JAMES CASSILA	New York Telephone
	MCBEAN ALEXNDR H JR	New York Telephone
1947	BERG ETTA	New York Telephone
1942	BERG ETTA	New York Telephone
1931	BLUVER IRVING	Manhattan and Bronx Directory Publishing Company Residential Directory
	BLUVER JOS	Manhattan and Bronx Directory Publishing Company Residential Directory
	BLUVER MOLLIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	BLUVER MURRAY	Manhattan and Bronx Directory Publishing Company Residential Directory
	BRAUNSTEIN BERNARD	Manhattan and Bronx Directory Publishing Company Residential Directory
	COLON JULIA	Manhattan and Bronx Directory Publishing Company Residential Directory
	GLAUBACH ISIDORE	Manhattan and Bronx Directory Publishing Company Residential Directory
	GLAUBACH MOSES	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	GOLDMAN LOUIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	KITTAY REBECCA	Manhattan and Bronx Directory Publishing Company Residential Directory
	MARTI CARMEN	Manhattan and Bronx Directory Publishing Company Residential Directory
	MARTI JOSE	Manhattan and Bronx Directory Publishing Company Residential Directory
	PINIHAS ALBERT	Manhattan and Bronx Directory Publishing Company Residential Directory
	SCHULTZ JOSEPH	Manhattan and Bronx Directory Publishing Company Residential Directory
	SEDA MIGUEL G	Manhattan and Bronx Directory Publishing Company Residential Directory
	SHAPIRO SAML	Manhattan and Bronx Directory Publishing Company Residential Directory
	SHENKMAN DORA	Manhattan and Bronx Directory Publishing Company Residential Directory
	SHENKMAN ISIDORE	Manhattan and Bronx Directory Publishing Company Residential Directory
	SHENKMAN SAML	Manhattan and Bronx Directory Publishing Company Residential Directory
	TORCHISKY MIKE	Manhattan and Bronx Directory Publishing Company Residential Directory
	WISHNOW SAML	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	FREIZER EMPLOY AGCY	New York Telephone
	GOLDSMITH S PNTR DECRTR	New York Telephone
	LEFKOWITZ LOUIS R	New York Telephone
	SISKIND ISIDORE MOVING	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	PITTARLS RADIO LAB	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	SHAPIRO MEYER PLMBR	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	RESTO PLACIDA MRS	New York Telephone
1950	DEVONSHIRE TED	New York Telephone
1927	GOTTESMAN LEO R	New York Telephone

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	WILLIAMS JAS	New York Telephone
	LEWIS ELRIDGE M	New York Telephone
	HARRISON IDA	New York Telephone
	GODDARD EZEKIEL A	New York Telephone
1963	SANTOS BERTHA MRS	New York Telephone
	RIJOS ELOISE	New York Telephone
	LEWIS EIRIDGE M	New York Telephone
	HARRISON IDA	New York Telephone
	GODDARD EZEKIEL A	New York Telephone
	FLEMISTER IRENE MRS	New York Telephone
	CUMBERBATCH IRIS MRS	New York Telephone
	WILLIAMS RITA	New York Telephone
	SANTOS BERTHA MRS	New York Telephone
1958	RIJOS ELOISE	New York Telephone
	MULTRIE LILLIAN	New York Telephone
	JACKSON HELEN MRS	New York Telephone
	HARRISON IDA	New York Telephone
	CUMBERBATCH IRIS MRS	New York Telephone
	M	New York Telephone
	SANTOS BERTHA MRS	New York Telephone
1956	MULTRIE LILLIAN	New York Telephone
	HARRISON IDA	New York Telephone
	CUMBERHATCH IRIS MRS	New York Telephone
	BROWN DAISY M	New York Telephone
	CUMBERBATCH IRIS MRS	New York Telephone
1950	FORTE ENRIN	New York Telephone
	MARGOLIES JACK	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	ARCHEVALD THERESA MRS	New York Telephone
	BENNETT RUFUS B	New York Telephone
	BULLOCK RICH D B	New York Telephone
	BULLY MAXLMEN L	New York Telephone
	FIGUEROA C MRS BKRY	New York Telephone
	HARRIS SAML	New York Telephone
	HATWOOD PAULINE MRS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	LAWRENCE LILLIAN MRS	New York Telephone
	ROHAN WM EMANUEL	New York Telephone
	SABATER VINCENT REV	New York Telephone
	SEALS SOLOMON	New York Telephone
	WARING GEO WM	New York Telephone
1956	BENNETT RUFUS B	New York Telephone
	BROWN HENRY	New York Telephone
	BULLOCK RICH D B	New York Telephone
	BULLY MAXIMEN L	New York Telephone
	CAINES THOS T	New York Telephone
	GEORGE KATHLEEN MRS	New York Telephone
	HARRIS SAML	New York Telephone
	LAWRENCE LILLIAN MRS	New York Telephone
	MCCOY JAS T	New York Telephone
	ROHAN WM EMANUEL	New York Telephone
	ROWLAND HENRY W	New York Telephone
	ROWLAND MINNIE MRS	New York Telephone
	SABATER VINCENT REV	New York Telephone
1950	BROWN HENRY	New York Telephone
	CAINES THOS T	New York Telephone
	FIGUEROA C MRS BKRY	New York Telephone
	NESBITT CATHERINE MRS	New York Telephone
1931	BALABER ABR	Manhattan and Bronx Directory Publishing Company Residential Directory
	BALABER JOHN G	Manhattan and Bronx Directory Publishing Company Residential Directory
	BALABER PHIL	Manhattan and Bronx Directory Publishing Company Residential Directory
	BALABER ROSIE	Manhattan and Bronx Directory Publishing Company Residential Directory
	COLON SANTIAGO	Manhattan and Bronx Directory Publishing Company Residential Directory
	CRUZ MANUEL	Manhattan and Bronx Directory Publishing Company Residential Directory
	ELADIO ORITZ	Manhattan and Bronx Directory Publishing Company Residential Directory
	FERRER PABLO	Manhattan and Bronx Directory Publishing Company Residential Directory
	FIGUREOA MIGUEL	Manhattan and Bronx Directory Publishing Company Residential Directory
	FONTANY BENITO	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	FONTANY PAULA	Manhattan and Bronx Directory Publishing Company Residential Directory
	FONTANY RAMON	Manhattan and Bronx Directory Publishing Company Residential Directory
	GALVAN FELIPE	Manhattan and Bronx Directory Publishing Company Residential Directory
	GALVANO ISABELLE	Manhattan and Bronx Directory Publishing Company Residential Directory
	GONZALEZ MAGDALENO	Manhattan and Bronx Directory Publishing Company Residential Directory
	JIMENEZ JOAQUIN	Manhattan and Bronx Directory Publishing Company Residential Directory
	LOPEZ JUAN	Manhattan and Bronx Directory Publishing Company Residential Directory
	MARINO ANTONIO	Manhattan and Bronx Directory Publishing Company Residential Directory
	MIRANDA JOSEPH	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	PEARBORG PHIL	Manhattan and Bronx Directory Publishing Company Residential Directory
	COHEN SOL R	New York Telephone
	FEFERMAN ISIDOR PNTR	New York Telephone
	FRIEDMAN SOLOMON R	New York Telephone
	RUBENSTEIN EVA MISS R	New York Telephone
	BRISKIN WM CIGARS	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	ACSA HELEN MRS	New York Telephone
	FIGUEROA ISABEL MRS	New York Telephone
	MALDONADO RAYMOND	New York Telephone
	NEWELL GLORIA MRS	New York Telephone
	NEWELL RAYMOND	New York Telephone
	NIEVES GEO	New York Telephone
	ORTIZ JUSTINO	New York Telephone
	RIVERA JUAN	New York Telephone
1963	ROSARIO JOSE JR	New York Telephone
	ACOSTA HELEN MRS	New York Telephone
	DANIELS CHRISTOPHINA	New York Telephone
	LEANDRY JAS	New York Telephone
1958	ROSARIO JOSE JR	New York Telephone
	ACOSTA HELEN MRS	New York Telephone
	BOND WILLIE L	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	BROWN CHAS	New York Telephone
	DANIELS CHRISTOPHINA	New York Telephone
	LEANDRY JAS	New York Telephone
	ROSARIO JOSE JR	New York Telephone
	SILVA MERCEDES	New York Telephone
	VAZQUEZ JOE	New York Telephone
1956	ACOSTA HELEN MRS	New York Telephone
	LEANDRY JAS	New York Telephone
	MCKINNEY OPHELIA MRS	New York Telephone
	CHALEMAN ISMAEL	New York Telephone
1931	GERSON EVA	Manhattan and Bronx Directory Publishing Company Residential Directory
	JONES JOHN	Manhattan and Bronx Directory Publishing Company Residential Directory
	BRASS JOSEPH	Manhattan and Bronx Directory Publishing Company Residential Directory
	COHEN DAVIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	FRIEDMAN ELIAS	Manhattan and Bronx Directory Publishing Company Residential Directory
	GERSON CHAS	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	GERSON JOS R	New York Telephone
	LEINER MORRIS R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1988	ALLEN TRISKA	NYNEX Telephone
	ALVAREZ E	NYNEX Telephone
	ALYE L	NYNEX Telephone
	ANDERSON S O	NYNEX Telephone
	ANDUJA LYDIA	NYNEX Telephone
	BECKLES EMILY MRS	NYNEX Telephone
	BENITEZ SOCORRO MRS	NYNEX Telephone
	BRADSHAW ANNE R MRS	NYNEX Telephone
	BROWN I	NYNEX Telephone
	BROWN ROBERT	NYNEX Telephone
	BRUGUERAS ERNEST	NYNEX Telephone
	CANDELARTO NORMA	NYNEX Telephone
	CASANOVA RAFAELA	NYNEX Telephone
	CAVENESE JAS JR	NYNEX Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1988	COSME NICHOLAS	NYNEX Telephone
	CRESPO MOSE	NYNEX Telephone
	DEJESUS LUIS	NYNEX Telephone
	DELCARMEN EGLANTINE A	NYNEX Telephone
	DE SILVA ALICE MRS	NYNEX Telephone
	FLORES NICHOLAS B	NYNEX Telephone
	FORD DORIS E	NYNEX Telephone
	FORD MARY MRS	NYNEX Telephone
	FUQUA A R	NYNEX Telephone
	GARCIA BENILDA	NYNEX Telephone
	GOODY H	NYNEX Telephone
	GREGORY W	NYNEX Telephone
	GUNN J	NYNEX Telephone
	HACKLE WILLIE JR	NYNEX Telephone
	HARE THERESA	NYNEX Telephone
	HERBERT MERCEDES M	NYNEX Telephone
	HOLLAND BARBARA	NYNEX Telephone
	HOLLAND VERNON	NYNEX Telephone
	HOUTMAN R	NYNEX Telephone
	JOHNSON S MRS	NYNEX Telephone
	JONES CONSTANCE	NYNEX Telephone
	JONES HESTER	NYNEX Telephone
	LUCCA ANA R	NYNEX Telephone
	LYLES PATRICIA	NYNEX Telephone
	MADISON MARIETTA	NYNEX Telephone
	MARTIN VIRGINIA	NYNEX Telephone
	MARTINEZ CARMEN	NYNEX Telephone
	MATTHEWS ALTHEA	NYNEX Telephone
	MCBRIDE JEANETTE	NYNEX Telephone
	MC CATHERN L	NYNEX Telephone
	MORRIS BERNICE	NYNEX Telephone
	MURIEL P	NYNEX Telephone
	NEGRON RAFAEL	NYNEX Telephone
	ORTIZ C	NYNEX Telephone
	ORTIZ ROSA	NYNEX Telephone
	OXIOS GLORIA MRS	NYNEX Telephone
	PENA ARTURO	NYNEX Telephone
	RAMIREZ ISAIAS	NYNEX Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1988	RAMON B	NYNEX Telephone
	RAMOS D	NYNEX Telephone
	REED SUSAN	NYNEX Telephone
	REYES JOSEPH	NYNEX Telephone
	RIODOM CATHERINE	NYNEX Telephone
	RIVAS CARMEN	NYNEX Telephone
	RIVERA JOHN	NYNEX Telephone
	ROBINSON CHARLES E	NYNEX Telephone
	ROBINSON MARY	NYNEX Telephone
	RUSSELL R	NYNEX Telephone
	SANDERS R	NYNEX Telephone
	SCOTT CARNEGIE I	NYNEX Telephone
	SIMMONS HENRY	NYNEX Telephone
	SMITH CHAS J	NYNEX Telephone
	STANTON C	NYNEX Telephone
	SWIFT BLONDELLE MRS	NYNEX Telephone
	TAIT CHARLES	NYNEX Telephone
	TAYLOR P	NYNEX Telephone
	THOMPSON TERESSA A MRS	NYNEX Telephone
	TIRADO MILTON	NYNEX Telephone
	TOWE FRANCES	NYNEX Telephone
	WASHINGTON EVERETT K	NYNEX Telephone
	WATSON LENORA MRS	NYNEX Telephone
	WILLIAMS BLANCHE	NYNEX Telephone
	WILLIAMS F	NYNEX Telephone
	WILSON RUBY	NYNEX Telephone
	WRIGHT RITA D MRS	NYNEX Telephone
1983	ALVAREZ E	New York Telephone
	ALYE L	New York Telephone
	ANDERSON S O	New York Telephone
	ATILES B	New York Telephone
	BAYRON RATAELA	New York Telephone
	BECKLES EMILY MRS	New York Telephone
	BENITEZ SOCORRO MRS	New York Telephone
	BRADSHAW ANNE R MRS	New York Telephone
	BROWN I	New York Telephone
	BRUGUERAS ERNEST	New York Telephone
	CAVENESE JAS JR	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1983	COLON INS	New York Telephone
	CRESPO MOSE	New York Telephone
	CRUZ A	New York Telephone
	DELCARMEN EGLANTINE A	New York Telephone
	DESILVA ALICE MRS	New York Telephone
	FORD DORIS E	New York Telephone
	FORRESTER W	New York Telephone
	FRANCIQUE JOHN	New York Telephone
	FUQUA A R	New York Telephone
	GUNN J	New York Telephone
	HACKLE WILLIE JR	New York Telephone
	HILL VIVIAN M	New York Telephone
	HOLLAND BARBARA	New York Telephone
	HOLLAND VERNON	New York Telephone
	JOHNSON MARGUERITE	New York Telephone
	JOHNSON S MRS	New York Telephone
	JONES CONSTANCE	New York Telephone
	LUCCA ANA R	New York Telephone
	MADISON MARIETTA	New York Telephone
	MARTINEZ EMILIO	New York Telephone
	MC BRIDE JEANETTE	New York Telephone
	MCCATHERN L	New York Telephone
	MODEST STEPHEN	New York Telephone
	MOJICA LEO	New York Telephone
	MORALES A	New York Telephone
	MOSS LOUISE	New York Telephone
	NEGRON RAFAEL	New York Telephone
	ORTIZ C	New York Telephone
	OXIOS GLORIA MRS	New York Telephone
	PASTRANA LOUIS	New York Telephone
	PRYOR DORETHA	New York Telephone
	RAMIREZ ISAIAS	New York Telephone
	REED SUSAN	New York Telephone
	RIODOM CATHERINE	New York Telephone
	RIVERA JOHN	New York Telephone
	RIVERA YVETTE	New York Telephone
	ROBINSON CHARLES E	New York Telephone
	ROBINSON JOSEPHINE MRS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1983	ROBINSON MARY	New York Telephone
	RODRIGUEZ RACHEL	New York Telephone
	ROJAS MARIA	New York Telephone
	SANDERS R	New York Telephone
	SANTIAGO ANGEL	New York Telephone
	SIMMONS HENRY	New York Telephone
	SMITH CHAS J	New York Telephone
	SOYER JOSEPHINE	New York Telephone
	TAYLOR P	New York Telephone
	THOMPSON TERESSA A MRS	New York Telephone
	TIRADO MILTON	New York Telephone
	TOWE FRANCES	New York Telephone
	VIZCARRONDO OLIVIA	New York Telephone
	WARE G J	New York Telephone
	WATSON LENORA MRS	New York Telephone
	WHITE PEARL	New York Telephone
	WILLIAMS BLANCHE	New York Telephone
	WILSON RUBY	New York Telephone
	WOLLASTON LORETTA L MRS	New York Telephone
	WRIGHT RITA D MRS	New York Telephone
1978	ARMBRISTER AUSTIN	New York Telephone
	BECKLES EMILY MRS	New York Telephone
	BRADSHAW ANNE R MRS	New York Telephone
	BRIGHT CENDA	New York Telephone
	BRITO AMABEL MRS	New York Telephone
	BROWN I	New York Telephone
	BROWN ROBT	New York Telephone
	CAMPBELL BETTY MRS	New York Telephone
	CANDELARIO NORMA	New York Telephone
	CARR REBECA MRS	New York Telephone
	CAVENESS JAS JR	New York Telephone
	COLON C	New York Telephone
	CRESPO MOSE	New York Telephone
	CRUZ A E	New York Telephone
	CRUZ CARLOS	New York Telephone
	DESILVA ALICE MRS	New York Telephone
	DIAZ JUAN	New York Telephone
	FLORES NICHOLAS B	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1978	FORD MARY MRS	New York Telephone
	FORRESTER W	New York Telephone
	FRANCIQUE JOHN	New York Telephone
	FREDERICK D	New York Telephone
	FURLOW JO ANN	New York Telephone
	GIBBS SARAH M MRS	New York Telephone
	GREEN CATHERINE H	New York Telephone
	GUNN J	New York Telephone
	HACKLE WILLIE JR	New York Telephone
	HARDING CAROLINE	New York Telephone
	HARRIS THOS	New York Telephone
	HILL VIVIAN M	New York Telephone
	HOLLAND BARBARA	New York Telephone
	JOHNSON HARRY	New York Telephone
	JOHNSON MARGUERITE	New York Telephone
	JONES LARRY	New York Telephone
	LOVELL JAMES M MRS	New York Telephone
	LUCCA ANA R	New York Telephone
	LYLES DOLORES	New York Telephone
	MALDONADO JUANA	New York Telephone
	MARTINEZ EMILIO	New York Telephone
	MC BRIDE JEANETTE	New York Telephone
	MCCATHERN L	New York Telephone
	MCCREA JAS	New York Telephone
	MCCULLOUGH LUTHER	New York Telephone
	MODEST STEPHEN	New York Telephone
	NEGRON RAFAEL	New York Telephone
	OLIVER EVELYN V MRS	New York Telephone
	ONDARZA GUILLERMO	New York Telephone
	ORTIZ ANIANO	New York Telephone
	ORTIZ C	New York Telephone
	ORTIZ RAMONA MRS	New York Telephone
	PARRILLA DORIS	New York Telephone
	PILLICH LUZ M	New York Telephone
	RAMIREZ ISARAS	New York Telephone
	RAMIREZ MIGUEL	New York Telephone
	RAMOS L	New York Telephone
	REED SUSAN	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1978	RIODOM CATHERINE	New York Telephone
	RIVER A MRS	New York Telephone
	RIVERA DIEGO	New York Telephone
	RIVERA JOHN	New York Telephone
	ROBINSON CHARLES E	New York Telephone
	ROBINSON JOSEPHINE MRS	New York Telephone
	RUSSELL ERNEST	New York Telephone
	SCOTT CARNEGIE I	New York Telephone
	SMITH CHAS J	New York Telephone
	SOYER JOSEPHINE	New York Telephone
	SPENCE WILLIE JR	New York Telephone
	SWIFT BLONDELLE MRS	New York Telephone
	TAYLOR P	New York Telephone
	THOMPSON TERESSA A MRS	New York Telephone
	TIRADO MILTON	New York Telephone
	TORRES JUANA	New York Telephone
	TOWE FRANCES	New York Telephone
	TYSON GEO	New York Telephone
	VEGA ROBERT	New York Telephone
	VELEZ FRANCIS	New York Telephone
	WALLING MAUDE	New York Telephone
	WASHINGTON EVERETT K	New York Telephone
	WHITE P	New York Telephone
	WILLIAMS BLANCHE	New York Telephone
	WILSON BETTY	New York Telephone
	WILSON RUBY	New York Telephone
	WRIGHT RITA D MRS	New York Telephone
1973	ALLENDE JO N	New York Telephone
	ARMBRISTER AUSTIN	New York Telephone
	BECKLES EMILY MRS	New York Telephone
	BERMUDEZ OBDULIO	New York Telephone
	BLOUNT LARRAINE	New York Telephone
	BRITO AMABEL MRS	New York Telephone
	BROWN IRENE	New York Telephone
	BROWN LEE ROB	New York Telephone
	BROWN MOSES	New York Telephone
	BROWN ROBT	New York Telephone
	BRUGUERAS JUDITH	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	BURGOS LEANDRO	New York Telephone
	CABAN CARMEN MRS	New York Telephone
	CAMPBELL BETTY MRS	New York Telephone
	CARLOS MARIA	New York Telephone
	CAVENESS JAS JR	New York Telephone
	CHAMBLISS LALLA	New York Telephone
	COLON CALIXTO	New York Telephone
	CORCHADO MARIA	New York Telephone
	CRUZ A E	New York Telephone
	DELCARMEN EGLANTINE A	New York Telephone
	DESILVA ALICE MRS	New York Telephone
	DIAZ JUAN	New York Telephone
	ECHEVARRIA J	New York Telephone
	ELLIOTT GEORGE W	New York Telephone
	FANNIEL MARGIE	New York Telephone
	FLORES NICHOLAS B	New York Telephone
	FORD DORIS E	New York Telephone
	FORRESTER W	New York Telephone
	FRANCIQUE JOHN	New York Telephone
	FREDERICK LATLIOBE	New York Telephone
	GIBBS SARAH M MRS	New York Telephone
	GOODWIN SILAS	New York Telephone
	GREEN CATHERINE H	New York Telephone
	HECTOR	New York Telephone
	HARDING CAROLILLNE	New York Telephone
	HARRISON LOUISE	New York Telephone
	HAWTHORNE GERRY	New York Telephone
	HILL VIVIAN M	New York Telephone
	HOLLAND BARBARA	New York Telephone
	HOLLAND VERNON	New York Telephone
	JIMINEZ HERMAIN J	New York Telephone
	JOHNSON HARRY	New York Telephone
	JOHNSON S MRS	New York Telephone
	JUDGE MARGARET E	New York Telephone
	LEE A	New York Telephone
	LEON BENJAMIN	New York Telephone
	LOPEZ FRANCISCO	New York Telephone
	LOVELL JAS M	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	LUCCA ANA R	New York Telephone
	MALDONADO JUANA	New York Telephone
	MARTINEZ EMILIO	New York Telephone
	MCCATHERN L	New York Telephone
	MCCREA JAS	New York Telephone
	MCCULLOUGH LUTHER	New York Telephone
	MCFIELD MARY E MRS	New York Telephone
	MODEST STEPEN	New York Telephone
	MONTANEZ ANDRES	New York Telephone
	MORALES JOSE	New York Telephone
	NARVAEZ ELI	New York Telephone
	NEGRON RAFAEL	New York Telephone
	NICHOLSON ELLA MRS	New York Telephone
	NIEVES E	New York Telephone
	OLIVER EVELYN V MRS	New York Telephone
	ONDARZA GUILLERMO	New York Telephone
	ORTIZ ANIANO	New York Telephone
	ORTIZ RAMONA H MRS	New York Telephone
	OXIOS GLORIA MRS	New York Telephone
	PATTERSON C	New York Telephone
	PILLICH LUZ M	New York Telephone
	POLLARD RUTH M	New York Telephone
	RAMIREZ MIGUEL A	New York Telephone
	RIODOM CATHEINE	New York Telephone
	RIVERA A MRS	New York Telephone
	RIVERA JOHN	New York Telephone
	RIVERA JULIA	New York Telephone
	RIVERA MARIA	New York Telephone
	RIVERA MARTHA	New York Telephone
	ROBINSON JOSEPHINE MRS	New York Telephone
	RUSSELL ERNEST	New York Telephone
	SAUNDERS WARREN	New York Telephone
	SAVORY EDW D	New York Telephone
	SMITH CHAS J	New York Telephone
	SOYER JOSEPHINE	New York Telephone
	STALEY VIRGINIA MRS	New York Telephone
	SWIFT BLONDELLE MRS	New York Telephone
	THOMPSON TERESSA A MRS	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1973	TORRES ANA D	New York Telephone
	TORRES JUANA	New York Telephone
	TOWE FRACES	New York Telephone
	TYSON GEO	New York Telephone
	VAZQUEZ DOMINGO	New York Telephone
	VEGA ROBERT	New York Telephone
	WASHINGTON EVERETT K	New York Telephone
	WATSON LENORA MRS	New York Telephone
	WOLLASTON LORETTA L MRS	New York Telephone
	WRIGHT RITA D MRS	New York Telephone
1968	ALVES JOH	New York Telephone
	ANGLERO OCTAVIO JR	New York Telephone
	ARMBRISTER AUSTIN	New York Telephone
	AUSBY LEANDIESV	New York Telephone
	BAEZ LUCIANO	New York Telephone
	BERMUDEZ OBDULIO	New York Telephone
	BOSTICK MARTHINA	New York Telephone
	BRITO AMABEL MRS	New York Telephone
	BROWN IRENE	New York Telephone
	BROWN LEE ROBT	New York Telephone
	BROWN MOSES	New York Telephone
	BROWN ROBT	New York Telephone
	BURGOS LEAODRO	New York Telephone
	CABAN CARMEN MRS	New York Telephone
	CAMPBELL BETTY MRS	New York Telephone
	CARLOS ROBT M	New York Telephone
	CARR REBECCA MRS	New York Telephone
	CAVENESS JAS JR	New York Telephone
	CTASE JULIET	New York Telephone
	CORDERO MANUEL A	New York Telephone
	DARBEAU U I	New York Telephone
	DE SILVA ALICE MRS	New York Telephone
	DIAZ ILUMINADA MRS	New York Telephone
	DIAZ JUAN	New York Telephone
	DUBOC L GEO	New York Telephone
	ELLIOTT GEO W	New York Telephone
	FANNIEL MARGIE	New York Telephone
	FINCH GILFORD	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	FLORES NICHOLAS B	New York Telephone
	FORRESTER W	New York Telephone
	FRANCIQUE JOHN	New York Telephone
	FREDERICK LATROBE	New York Telephone
	FUENTES CESAR A	New York Telephone
	GALAN GERALDINE	New York Telephone
	GIBBS SARAH M MRS	New York Telephone
	GOODWIN SILAS	New York Telephone
	GREEN CATHERINE H	New York Telephone
	HACKLEY WILLIE JR	New York Telephone
	HARRIS THOS	New York Telephone
	HHORNE GERRY	New York Telephone
	HERNANDEZ ANGEL	New York Telephone
	HILL VIVIAN M	New York Telephone
	HOLLAND BARBARA	New York Telephone
	HOLLAND MARTHA MRS	New York Telephone
	HOLLAND NELSON JR	New York Telephone
	HOLLAND VERNON	New York Telephone
	HUARNECK LUCIA MRS	New York Telephone
	JACKSON ETHEL MRS	New York Telephone
	JIMENEZ HERMAN J	New York Telephone
	JOHNSON ALBERT C MRS	New York Telephone
	JOHNSON HARRY	New York Telephone
	JOHNSON S MRS	New York Telephone
	JONES CLAUDE	New York Telephone
	LEE A	New York Telephone
	LLANAS SALVADOR	New York Telephone
	LOVELL JAS M	New York Telephone
	LUCCA ANA R	New York Telephone
	MALDONADO JUANA	New York Telephone
	MARTINES JOSE L	New York Telephone
	MC CREA JAS	New York Telephone
	MC CULLOUGH E	New York Telephone
	MC CULLOUGH GLORIA	New York Telephone
	MC CULLOUGH LUTHER	New York Telephone
	MC FERLANE LUCILLE M MRS	New York Telephone
	MC FIELD MARY E MRS	New York Telephone
	MC MILLIAN WM	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	MENDEZ PAULA	New York Telephone
	MILLER GLORIA	New York Telephone
	MILLER LEONARD	New York Telephone
	MODEST STEPHEN	New York Telephone
	MONTANEZ ANDRE	New York Telephone
	MOORING C	New York Telephone
	MURPHY PEDRO	New York Telephone
	NEGRON RAFAEL	New York Telephone
	NICHOLSON ELLA MRS	New York Telephone
	OLIVER ETHEL MRS	New York Telephone
	ONDARZA GUILLERMO	New York Telephone
	ORTIZ ANIBANO	New York Telephone
	ORTIZ RAMONA MRS	New York Telephone
	OXIOS GLORIA MRS	New York Telephone
	PEARINAN DOLLY	New York Telephone
	PHILLIPS M	New York Telephone
	POLLARD RUTH M	New York Telephone
	PRITCHETT EFFIE D MRS	New York Telephone
	RAMIREZ ANA	New York Telephone
	RAMIREZ ISAIAS	New York Telephone
	RAMIREZ MIGUEL A	New York Telephone
	RAMON ELADIA	New York Telephone
	REMBERT EDW	New York Telephone
	RIVERA A MRS	New York Telephone
	RIVERA FRANK	New York Telephone
	RIVERA JOHN	New York Telephone
	ROBINSON JOSEPHINE MRS	New York Telephone
	RODRIGUEZ FELICITA MRS	New York Telephone
	ROSALLY ANNA MRS	New York Telephone
	ROSARIO CARMEN	New York Telephone
	ROSARIO ISMAY	New York Telephone
	RUSSELL ERNEST	New York Telephone
	SAUNDERS WARREN	New York Telephone
	SAVORY EDW D	New York Telephone
	SCOTT CARNEGIE I	New York Telephone
	SCOTT RILEY	New York Telephone
	SEARCY EDGAR B	New York Telephone
	SMITH CHAS J	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	SMITH LOUISE	New York Telephone
	STALEY MARION	New York Telephone
	STALEY VIRGINIA MRS	New York Telephone
	SWIFT BLONDELLE MRS	New York Telephone
	TAYLOR JOHNNIE	New York Telephone
	THOMPSON TERESSA A MRS	New York Telephone
	TOMPKINS JOAN	New York Telephone
	TORRES JUANA	New York Telephone
	TYSON GEO	New York Telephone
	VAOQUEZ MENEN	New York Telephone
	VELAZQUEZ JOSE M	New York Telephone
	WASHINGTON EVERETT K	New York Telephone
	WATSON LENORA MRS	New York Telephone
	WOLLASTON LORETEA L MRS	New York Telephone
	WRIGHT RITA D MRS	New York Telephone
	WYATT HOWARD	New York Telephone
	ZAPATA DAVE D	New York Telephone
1958	RIVERA BOTANICAL GARDENS HERBS	New York Telephone
1956	RIVERA BOTANICAL GARDENS HERBS	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	SUAREZ MARIA MRS	New York Telephone
	SUAREZ ANATOLIA	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	AGUILAR ANNA MRS	New York Telephone
	DE LA VEGA F	New York Telephone
	DIAZ VIRGINIA MRS	New York Telephone
	HARPER AUBREY	New York Telephone
	MARQUEZ LEONARDA O MRS	New York Telephone
	SHINNERY CLARITA MRS	New York Telephone
	SMITH C A MRS	New York Telephone
1956	AGUILAR ANNA MRS	New York Telephone
	DE LA VEGA F	New York Telephone
	FLORES ORLANDO	New York Telephone
	GARCIA MILDRED	New York Telephone
	GREVI MANUEL C	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	MALDONADO FELINE	New York Telephone
	MALDONADO RAFAEL	New York Telephone
	PEMBERTON ARABELLA MRS	New York Telephone
	SMITH C A MRS	New York Telephone
	VILLANUEVA IDA MRS	New York Telephone
1950	GREVI MANUEL C	New York Telephone
	PEMBERTON MATTHEW	New York Telephone
	RANCEL EMILIA	New York Telephone
1931	GARCIA SERAFIN	Manhattan and Bronx Directory Publishing Company Residential Directory
	KLEGER LOUIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	KLEGER SAML	Manhattan and Bronx Directory Publishing Company Residential Directory
	OLMEDA ENRIQUE	Manhattan and Bronx Directory Publishing Company Residential Directory
	PAINTER JACOB	Manhattan and Bronx Directory Publishing Company Residential Directory
	SEIFERT SAML	Manhattan and Bronx Directory Publishing Company Residential Directory
	SOLO REGINO	Manhattan and Bronx Directory Publishing Company Residential Directory
	ANGEL DIAZ	Manhattan and Bronx Directory Publishing Company Residential Directory
	GARCIA MARCOS	Manhattan and Bronx Directory Publishing Company Residential Directory
	DURAN BIENVENIDO A DRFTSMN BD ED	Manhattan and Bronx Directory Publishing Company Residential Directory
	DIAS PAUL	Manhattan and Bronx Directory Publishing Company Residential Directory
	BERMUDEZ CELESTE	Manhattan and Bronx Directory Publishing Company Residential Directory
	CHACHKES BERISCH	Manhattan and Bronx Directory Publishing Company Residential Directory
	BRISKIN DANNY R	New York Telephone
	BRODY & PAPILSKY PAINTING	New York Telephone
1927	JABLONOWER JOS	New York Telephone
	PAINTER J R	New York Telephone
	POPILSKY F	New York Telephone
	SEIFERT SIGMUND CUT GLASS	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	AMILL JULIO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	BERRIOS VICTOR A	New York Telephone
	CORTON ANTONIA	New York Telephone
	GONZALEZ ANTONIO	New York Telephone
	GONZALEZ NORMA	New York Telephone
1963	AMILL JULIO	New York Telephone
	BERRIOS VICTOR A	New York Telephone
	CORTON ANTONIA	New York Telephone
	DE JESUS EMMA	New York Telephone
	GONZALEZ FELIPE	New York Telephone
	VAOQUEZ MENEN	New York Telephone
1958	AMILL JULLO	New York Telephone
	CORTON ANTONIA	New York Telephone
	GARCIA FRANK	New York Telephone
	GONZALEZ FELIPE	New York Telephone
	MELENDEZ GERALD	New York Telephone
	PADILLA MANUEL	New York Telephone
	QUINTANA JENNIE	New York Telephone
	ROMERO ANDRES	New York Telephone
	SQUILANTE LOUIS	New York Telephone
1956	AMILL JULIO	New York Telephone
	FIGUEROA C MRS HKRY	New York Telephone
	JIMENEZ PHILIP	New York Telephone
	PADILLA MANUEL	New York Telephone
	SEDA ANTONIA	New York Telephone
	SQUILANTE LOUIS	New York Telephone
1950	VZQUES GLORIA	New York Telephone
	BARTOLOMEI SANTIAGO	New York Telephone
	SQUILANTE LOUIS	New York Telephone
1947	SQUILANTE LOUIS	New York Telephone
1942	SQUILLANTE LOUIS	New York Telephone
1931	BAROCAS ISAAC	Manhattan and Bronx Directory Publishing Company Residential Directory
	BROWN SAML	Manhattan and Bronx Directory Publishing Company Residential Directory
	COHEN ABR	Manhattan and Bronx Directory Publishing Company Residential Directory
	COHEN LOUIS	Manhattan and Bronx Directory Publishing Company Residential Directory
	ELIAS LOUIS	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	UBERMAN JACOB	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	BECKER JEANNE MISS R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	VALERA GERRY	New York Telephone
1956	VALERA GERRY GROCR	New York Telephone
1931	HARRIS CELIA	Manhattan and Bronx Directory Publishing Company Residential Directory
	BERLAND MAX	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	TORRES FRANKLIN	New York Telephone
	SANTOS VIRGINIA MRS	New York Telephone
	GORDON SAM REMNTS	New York Telephone
	GARCIA EFENA	New York Telephone
1963	GARCIA ELENA	New York Telephone
	GORDON SAM REMNTS	New York Telephone
	MORALES THOS	New York Telephone
	TORRES FRANKLIN	New York Telephone
1958	IRIZARRY ALICIA	New York Telephone
	IRIZARRY HENRY	New York Telephone
	MONTANEZ FRANCISCO	New York Telephone
	MORALES THOS B	New York Telephone
	GORDON SAM REMNANTS	New York Telephone
1956	GORDON SAM REMNANU	New York Telephone
1950	GORDON SAM REMNANTS	New York Telephone
	WASHINGTON DOUGLAS	New York Telephone
1931	ARCHERALD RAFAEL	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	CIVETTINI A R	New York Telephone
	KELLER SAML R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	VILLEGAS JOS M	New York Telephone
	RIVERA MARIA MRS	New York Telephone
	PELLOT HIPOLITO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	MOJICA JOSE	New York Telephone
	MAYS WILLIE	New York Telephone
	HODGE HERMLNA NRSE	New York Telephone
	BAYRSN NICHOLAS	New York Telephone
	BORICUA RESTRNT	New York Telephone
	FERRER GREGORY	New York Telephone
	FERRER JULLTA	New York Telephone
	GREENE GEO	New York Telephone
1956	BONET JOSE	New York Telephone
	BORICUA RESTRNT	New York Telephone
	FERRER GREGORY	New York Telephone
	FERRER JULITA	New York Telephone
	HODGE HERMINA NRSE	New York Telephone
	LOPEZ MARY E	New York Telephone
	NOVIERO CLARA MRS	New York Telephone
	OCASIO JUSTO	New York Telephone
	RIVERA BENNY MT MKT	New York Telephone
	VILLEGAS JOS M	New York Telephone
1950	NELSON S RASTRNT	New York Telephone
	VILLEGAS JOS M	New York Telephone
	BONET JOSE	New York Telephone
	HODGE HERMINA NRSE	New York Telephone
1947	WORONER S RESTRNT	New York Telephone
	VILLA LEO	New York Telephone
1931	SAURA ANTONIO	Manhattan and Bronx Directory Publishing Company Residential Directory
	MARAMINSKY DAVID	Manhattan and Bronx Directory Publishing Company Residential Directory
	LOPEZ RAFAEL	Manhattan and Bronx Directory Publishing Company Residential Directory
	LEWIS MAE L	Manhattan and Bronx Directory Publishing Company Residential Directory
	CARDONA RALPH	Manhattan and Bronx Directory Publishing Company Residential Directory
	BLONCHET THOS G	Manhattan and Bronx Directory Publishing Company Residential Directory
	AYOLA GORL	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	ZELIKOWITZ B FISH	New York Telephone
	SEEGER MURRAY R	New York Telephone
	EISENSTARK SAM BKRY	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1963	CARMAN	New York Telephone
	LUNCHEONETTE	New York Telephone
	MARTINEZ INEZ MRS	New York Telephone
	GILBERTO	New York Telephone
1958	MARTINEZ INEZ MRS	New York Telephone
	MARIN GILBERTO	New York Telephone
	GOLDMAN S & SONS CLTHN	New York Telephone
	COSTAS FELICITA	New York Telephone
	GARCIA ANTONIO	New York Telephone
	AYALA MIEVES	New York Telephone
1956	AYALA NIEVES	New York Telephone
	COSTAS FELICITA	New York Telephone
	GARCIA ANTONTO	New York Telephone
	MARTINEZ INEZ MRS	New York Telephone
	NAT & GEO LUNCHEONETTE	New York Telephone
	PHIPPS MILLICENT LPN	New York Telephone
1950	BIRCH ALBION	New York Telephone
1947	SHENKMAN N INCHNET	New York Telephone
1942	APPLEBAUM G STATNRY	New York Telephone
1938	BRAUNSTEIN W STATNRY	New York Telephone
1931	MATOS JOS	Manhattan and Bronx Directory Publishing Company Residential Directory
	GREEN MARY	Manhattan and Bronx Directory Publishing Company Residential Directory
	MORALES EUSEBIO	Manhattan and Bronx Directory Publishing Company Residential Directory
	TIRADO VINCENTE	Manhattan and Bronx Directory Publishing Company Residential Directory
	WHITE WM A PNTR DEP HOSP	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	KULL MAX DAIRY PRODUCTS	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	PENSA ANTONIO	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	RESNICK H STATNRY	New York Telephone

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	HODGE RICHD	New York Telephone
1963	HODGE RICHD	New York Telephone
1958	MONTESI PETRA MRS	New York Telephone
	MOSES JOHN	New York Telephone
	ORTIZ ARGELLO	New York Telephone
	BROWN CARLOS U	New York Telephone
	CAMPOS SANTIAGO	New York Telephone
	HARRIS JAS	New York Telephone
	HERNANDEZ LCLIANO E 112	New York Telephone
	HODGE RICHD	New York Telephone
	IGLENIAS CRUZ MRS	New York Telephone
	MAXWELL TERENCE	New York Telephone
1956	BROWN CARLOS U	New York Telephone
	BURGADO JUANA MRS	New York Telephone
	CALDERON LUIS F	New York Telephone
	CAMPOS SANTIAGO	New York Telephone
	HERNANDEZ LUCIANO	New York Telephone
	HODGE RICHD	New York Telephone
	HOKE GLORIA	New York Telephone
	IGLESIAS CRUZ MRS	New York Telephone
	LEBRON VICTORIA MRS	New York Telephone
	MONTESI PETRA MRS	New York Telephone
	PERERRA LILLIAN MRS	New York Telephone
1950	CAMEAN JOHN	New York Telephone
	HERNANDEZ LUCIANO	New York Telephone
	KERKHOFFS ALICIA YMRS	New York Telephone
1947	HERNANDEZ LUCIANO	New York Telephone
1938	YOUNG D RUBBISH REMOVAL	New York Telephone
1931	DENBERG ESTELLE	Manhattan and Bronx Directory Publishing Company Residential Directory
	FIGUEROA CARMEN	Manhattan and Bronx Directory Publishing Company Residential Directory
	FIGUEROA CHAS E	Manhattan and Bronx Directory Publishing Company Residential Directory
	LAPP HENRY	Manhattan and Bronx Directory Publishing Company Residential Directory
	MODIANO SHOLEM	Manhattan and Bronx Directory Publishing Company Residential Directory
	RAMEREZ HUMBERTO	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	ROSENFELD GEO	Manhattan and Bronx Directory Publishing Company Residential Directory
	ROSENFELD JACK	Manhattan and Bronx Directory Publishing Company Residential Directory
	SHIFFMAN SARAH	Manhattan and Bronx Directory Publishing Company Residential Directory
	SNAPP DORA	Manhattan and Bronx Directory Publishing Company Residential Directory
	SNAPP MAX	Manhattan and Bronx Directory Publishing Company Residential Directory
	TROCHE MARGT	Manhattan and Bronx Directory Publishing Company Residential Directory
	TROCHE VICENTE	Manhattan and Bronx Directory Publishing Company Residential Directory
	WEINER NOAH	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	BRAUNHEIM MOE R	New York Telephone
	LOWENSTEIN ALEX R	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	ALDAMEY PAUL	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1968	CHEUNG KAM MOON	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	BAERGA GELBERLO	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Stein Danl engr Bd Transp	Manhattan and Bronx Directory Publishing Company Residential Directory
	Baron Wm	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lewis Harold	Manhattan and Bronx Directory Publishing Company Residential Directory
	Palus Ralph	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Ramons Pastor	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Spartan Water Works	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Flores Qtointena	Manhattan and Bronx Directory Publishing Company Residential Directory
	Garcia Nicasio	Manhattan and Bronx Directory Publishing Company Residential Directory
	Nives Joquin	Manhattan and Bronx Directory Publishing Company Residential Directory
	Pedraza Manuel	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rivera Rafael	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rodriguez Santiago	Manhattan and Bronx Directory Publishing Company Residential Directory
	Trushin Belle	Manhattan and Bronx Directory Publishing Company Residential Directory
	Trushin Harry	Manhattan and Bronx Directory Publishing Company Residential Directory
	Youngeman Jacob	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Cohen A r	New York Telephone
	Cohen Benj D lwyr	New York Telephone
	Residence	New York Telephone
	Goodman L r	New York Telephone
	Klinger Max r	New York Telephone
	Kramer A r	New York Telephone
	Kramer Chas r	New York Telephone
	Nicastri Jos barber	New York Telephone
	Washington Barber Supp Co	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Marxuach Juan	Manhattan and Bronx Directory Publishing Company Residential Directory
	Miranda Mike	Manhattan and Bronx Directory Publishing Company Residential Directory
	Marxuach Carmen	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Lieberman Leon	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lieberman Helen	Manhattan and Bronx Directory Publishing Company Residential Directory
	Bosowitz Jennie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Bosowitz Phil	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Karow D ins	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Oris Root Product Co	New York Telephone
	Lusterol Mfg Co	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Hammer Robt	Manhattan and Bronx Directory Publishing Company Residential Directory
	Hammer Sarah	Manhattan and Bronx Directory Publishing Company Residential Directory
	Mintzer Benny	Manhattan and Bronx Directory Publishing Company Residential Directory
	Moyler Ridolph	Manhattan and Bronx Directory Publishing Company Residential Directory
	Safron Mollie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Vayquez Ramon	Manhattan and Bronx Directory Publishing Company Residential Directory
	Torres Peter	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Pressner Israel r	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Wishnow Saml	Manhattan and Bronx Directory Publishing Company Residential Directory
	Shapiro Saml	Manhattan and Bronx Directory Publishing Company Residential Directory
	Shenkman Saml	Manhattan and Bronx Directory Publishing Company Residential Directory
	Shenkman Isidore	Manhattan and Bronx Directory Publishing Company Residential Directory
	Shenkman Dora	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Bluver Irving	Manhattan and Bronx Directory Publishing Company Residential Directory
	Bluver Jos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Bluver Mollie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Bluver Murray	Manhattan and Bronx Directory Publishing Company Residential Directory
	Braunstein Bernard	Manhattan and Bronx Directory Publishing Company Residential Directory
	Colon Julia	Manhattan and Bronx Directory Publishing Company Residential Directory
	Glaubach Isidore	Manhattan and Bronx Directory Publishing Company Residential Directory
	Glaubach Moses	Manhattan and Bronx Directory Publishing Company Residential Directory
	Goldman Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kittay Rebecca	Manhattan and Bronx Directory Publishing Company Residential Directory
	Marti Carmen	Manhattan and Bronx Directory Publishing Company Residential Directory
	Marti Jose	Manhattan and Bronx Directory Publishing Company Residential Directory
	Pinihas Albert	Manhattan and Bronx Directory Publishing Company Residential Directory
	Schultz Joseph	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Seda Miguel G	Manhattan and Bronx Directory Publishing Company Residential Directory
	Torchisky Mike	Manhattan and Bronx Directory Publishing Company Residential Directory
	Freizer Employ Agcy	New York Telephone
	Goldsmith S pntr decrtr	New York Telephone
	Lefkowitz Louis r	New York Telephone
	Siskind Isidore moving	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Shapiro Meyer plmbr	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Kelly A M sec G M Basford Co	R. L. Polk & Co.
1927	Gottesman Leo r	New York Telephone

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Margolies Jack	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Balaber Abr	Manhattan and Bronx Directory Publishing Company Residential Directory
	Balaber John G	Manhattan and Bronx Directory Publishing Company Residential Directory
	Balaber Phil	Manhattan and Bronx Directory Publishing Company Residential Directory
	Balaber Rosie	Manhattan and Bronx Directory Publishing Company Residential Directory
	Colon Santiago	Manhattan and Bronx Directory Publishing Company Residential Directory
	Cruz Manuel	Manhattan and Bronx Directory Publishing Company Residential Directory
	Eladio Oritz	Manhattan and Bronx Directory Publishing Company Residential Directory
	Ferrer Pablo	Manhattan and Bronx Directory Publishing Company Residential Directory
	Figureoa Miguel	Manhattan and Bronx Directory Publishing Company Residential Directory
	Fontany Benito	Manhattan and Bronx Directory Publishing Company Residential Directory
	Fontany Paula	Manhattan and Bronx Directory Publishing Company Residential Directory
	Fontany Ramon	Manhattan and Bronx Directory Publishing Company Residential Directory
	Pearborg Phil	Manhattan and Bronx Directory Publishing Company Residential Directory
	Miranda Joseph	Manhattan and Bronx Directory Publishing Company Residential Directory
	Marino Antonio	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lopez Juan	Manhattan and Bronx Directory Publishing Company Residential Directory
	Jimenez Joaquin	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gonzalez Magdaleno	Manhattan and Bronx Directory Publishing Company Residential Directory
	Galvano Isabelle	Manhattan and Bronx Directory Publishing Company Residential Directory
	Galvan Felipe	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Feferman Isidor pntr	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Friedman Solomon r	New York Telephone
	Rubenstein Eva Miss r	New York Telephone
	Briskin Wm cigars	New York Telephone
	Cohen Sol r	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Brass Joseph	Manhattan and Bronx Directory Publishing Company Residential Directory
	Friedman Elias	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gerson Chas	Manhattan and Bronx Directory Publishing Company Residential Directory
	Gerson Eva	Manhattan and Bronx Directory Publishing Company Residential Directory
	Jones John	Manhattan and Bronx Directory Publishing Company Residential Directory
	Cohen Davis	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Leiner Morris r	New York Telephone
	Gerson Jos r	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Angel Diaz	Manhattan and Bronx Directory Publishing Company Residential Directory
	Bermudez Celeste	Manhattan and Bronx Directory Publishing Company Residential Directory
	Chachkes Berisch	Manhattan and Bronx Directory Publishing Company Residential Directory
	Dias Paul	Manhattan and Bronx Directory Publishing Company Residential Directory
	Duran Bienvenido A drftsmn Bd Ed	Manhattan and Bronx Directory Publishing Company Residential Directory
	Garcia Marcos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Garcia Serafin	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kleger Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
	Kleger Saml	Manhattan and Bronx Directory Publishing Company Residential Directory
	Olmeda Enrique	Manhattan and Bronx Directory Publishing Company Residential Directory
	Painter Jacob	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Seifert Saml	Manhattan and Bronx Directory Publishing Company Residential Directory
	Solo Regino	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Briskin Danny r	New York Telephone
	Brody & Papilsky painting	New York Telephone
	Jablonower Jos	New York Telephone
	Painter J r	New York Telephone
	Popilsky F	New York Telephone
	Seifert Sigmund cut glass	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Uberman Jacob	Manhattan and Bronx Directory Publishing Company Residential Directory
	Elias Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
	Cohen Louis	Manhattan and Bronx Directory Publishing Company Residential Directory
	Cohen Abr	Manhattan and Bronx Directory Publishing Company Residential Directory
	Brown Saml	Manhattan and Bronx Directory Publishing Company Residential Directory
	Barocas Isaac	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Becker Jeanne Miss r	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Berland Max	Manhattan and Bronx Directory Publishing Company Residential Directory
	Harris Celia	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Archerald Rafael	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Civettini A r	New York Telephone
	Keller Saml r	New York Telephone

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Maraminsky David	Manhattan and Bronx Directory Publishing Company Residential Directory
	Ayola Gorl	Manhattan and Bronx Directory Publishing Company Residential Directory
	Blonchet Thos G	Manhattan and Bronx Directory Publishing Company Residential Directory
	Cardona Ralph	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lewis Mae L	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lopez Rafael	Manhattan and Bronx Directory Publishing Company Residential Directory
	Saura Antonio	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Eisenstark Sam bkry	New York Telephone
	Seeger Murray r	New York Telephone
	Zelikowitz B fish	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Green Mary	Manhattan and Bronx Directory Publishing Company Residential Directory
	Matos Jos	Manhattan and Bronx Directory Publishing Company Residential Directory
	Morales Eusebio	Manhattan and Bronx Directory Publishing Company Residential Directory
	Tirado Vincente	Manhattan and Bronx Directory Publishing Company Residential Directory
	White Wm A pntr Dep Hosp	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Kull Max dairy products	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Pensa Antonio	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1927	Resnick H statnry	New York Telephone

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Figueroa Chas E	Manhattan and Bronx Directory Publishing Company Residential Directory
	Weiner Noah	Manhattan and Bronx Directory Publishing Company Residential Directory
	Troche Vicente	Manhattan and Bronx Directory Publishing Company Residential Directory
	Troche Margt	Manhattan and Bronx Directory Publishing Company Residential Directory
	Snapp Max	Manhattan and Bronx Directory Publishing Company Residential Directory
	Snapp Dora	Manhattan and Bronx Directory Publishing Company Residential Directory
	Shiffman Sarah	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rosenfeld Jack	Manhattan and Bronx Directory Publishing Company Residential Directory
	Rosenfeld Geo	Manhattan and Bronx Directory Publishing Company Residential Directory
	Ramerez Humberto	Manhattan and Bronx Directory Publishing Company Residential Directory
	Denberg Estelle	Manhattan and Bronx Directory Publishing Company Residential Directory
	Figueroa Carmen	Manhattan and Bronx Directory Publishing Company Residential Directory
	Lapp Henry	Manhattan and Bronx Directory Publishing Company Residential Directory
	Modiano Sholem	Manhattan and Bronx Directory Publishing Company Residential Directory
1927	Lowenstein Alex r	New York Telephone
	Braunheim Moe r	New York Telephone

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Aldamey Paul	Manhattan and Bronx Directory Publishing Company Residential Directory

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Gold Isidor Hebrow Natl Lunch & Delicatessen Co	R. L. Polk & Co.
	Elkind Abr Elkind & Gold	R. L. Polk & Co.
	Hebrew National Lunch & Delicatessen Co RTN Abr Elkind Isidor Gold	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Karow Max	R. L. Polk & Co.
	Karowsky David tchr P S	R. L. Polk & Co.
	Stock Meyer clk	R. L. Polk & Co.
	Cohen Jos M	R. L. Polk & Co.
	Tepper Fine Isaac Gillis	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Spartan Water Wks Inc NY Morris Jacobowitz pres Abr Saltzman sec minerals	R. L. Polk & Co.
1923	Spartan Water Works Inc NY soda water	R. L. Polk & Co.
1920	Fischer Jacob tailor	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Strauss Herman	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Gibbs Albert gro	R. L. Polk & Co.
1920	Bobker Abr	R. L. Polk & Co.
	Bobker Ricke	R. L. Polk & Co.
	Cohen Abr slsmn	R. L. Polk & Co.
	Goldstein Mary Mrs	R. L. Polk & Co.
	Goodman Oscar Ess Gee Dress Co	R. L. Polk & Co.
	Haidt Abr Haidt & Riesman	R. L. Polk & Co.
	Kramer Abr ctr	R. L. Polk & Co.
	Kramer Benj ctr	R. L. Polk & Co.
	Lasky Louis guard	R. L. Polk & Co.
	Levine Jacob leather gds	R. L. Polk & Co.
	Marks Saml Ctr	R. L. Polk & Co.
	Riesman Isidor Haidt & Riesman	R. L. Polk & Co.
	Vento N barber	R. L. Polk & Co.
	Wallach Simon M	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Weinberg Benj metalwkr	R. L. Polk & Co.
	Strauss Irving plmbr	R. L. Polk & Co.
	Poustylnik Chas Pouastylnik & Chodosh	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Pollick Wm Up to Date Dairy Lunch	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Donato Jos restr	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Maldonado Carmen Mrs	R. L. Polk & Co.
	Schweitzer Isaac Jennie shoe repr	R. L. Polk & Co.
1923	Duboff Saml Home Hand Laundry	R. L. Polk & Co.
1920	Krantz Jos clk	R. L. Polk & Co.
	Schlachan Harry treas Kay Ess Button Mould Co Inc	R. L. Polk & Co.
	Schlakman Harry treas sec Am Iron Wire Works	R. L. Polk & Co.
	Siskind Isidore moving	R. L. Polk & Co.
	Yankowitz Benj opr	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Freizer R emp agcy	R. L. Polk & Co.
1923	Dunayer Aaron poultry	R. L. Polk & Co.
1920	Wernick Saml Wernick Bros	R. L. Polk & Co.
	Wernick Henry Wernick Bros	R. L. Polk & Co.
	Wald David	R. L. Polk & Co.
	Yankowitz Lena bkpr	R. L. Polk & Co.
	Barnett Abr Gachinsky & Barnett	R. L. Polk & Co.
	Brandenburg Hannah wid Louis	R. L. Polk & Co.
	Brandenburg Isaac	R. L. Polk & Co.
	Cohen Morris Progressive Watch Repairing Co	R. L. Polk & Co.
	Golub Saml cigarmkr	R. L. Polk & Co.
	Horn & Kameron Morris W Horn Jos Kameron dresses	R. L. Polk & Co.
	Lefkowitz Louis tailor Morris Feder	R. L. Polk & Co.
	Levine Sol bkpr	R. L. Polk & Co.
	Litz Nathan clothas clnr	R. L. Polk & Co.
	Mendelson Elias	R. L. Polk & Co.
	Mendelson Francis	R. L. Polk & Co.
	Mendelson Manuel Wolf Mendelson & Son	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Mendelson Wolf Wolt Mendelson & Son	R. L. Polk & Co.
	Rothman Berj Progressive Bargain Store	R. L. Polk & Co.
	Schapiro Meyer	R. L. Polk & Co.
	Schneider Harry Weber Meshekow & Co	R. L. Polk & Co.
	Shapiro Meyer plmbr	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Shapiro M plmbr	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Eminott Marion sten Curtis Pub Co	R. L. Polk & Co.
	Ryder R W treas Air Reduction Co	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Velez Jose Jaclnia gro	R. L. Polk & Co.
1920	Berkowitz Hyman pntr	R. L. Polk & Co.
	Cohen Sigmund sec Harlem Cruller & Doughnut Bakery Inc	R. L. Polk & Co.
	Sivernofsky Morris	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Cohen A butcher	R. L. Polk & Co.
1920	Harlem Crockery Co RTN Louis Wiener	R. L. Polk & Co.
	Friedman Sol Leff & Friedman	R. L. Polk & Co.
	Burker Nathan	R. L. Polk & Co.
	Lemmerman Jos	R. L. Polk & Co.
	Burker Irving	R. L. Polk & Co.
	Wiener Louis Harlem Crockery Co	R. L. Polk & Co.
	Sokoloff Barnett treas Acme Costume Co Inc	R. L. Polk & Co.
	Lewis Sol tailor	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Cohen David prosser	R. L. Polk & Co.
	Friedman Elias	R. L. Polk & Co.
	Guckian Jas V police	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Hassid Jacob Ever Ready Skirt Co	R. L. Polk & Co.
	Moses Saul slsmn	R. L. Polk & Co.
	Weinberg Abr clk	R. L. Polk & Co.
	Atherton Alwyn	R. L. Polk & Co.
	Amster Jacob Sterling Metal Products Co	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Seifert Sigmund glassware	R. L. Polk & Co.
1923	Offerman Sadie mlnry	R. L. Polk & Co.
	Belmar Window Cleaning Co RTN Abr Seifert	R. L. Polk & Co.
1920	Heubsher Saml restr	R. L. Polk & Co.
	International Vault Light Construction Co RTN Meyer Goldberg	R. L. Polk & Co.
	Lamerman Nathan	R. L. Polk & Co.
	Leiner Moiris tailor	R. L. Polk & Co.
	Offerman Max mlnr	R. L. Polk & Co.
	Seifert Abr	R. L. Polk & Co.
	Simon Benj mgr	R. L. Polk & Co.
	Goldberg Meyer International Vault Light Construction Co	R. L. Polk & Co.
	Greenfield Israel	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Krals Novelty Shoe Co Inc NY Wm Kral pres Hy Kral sec shoes	R. L. Polk & Co.
1920	Uberman Jakob	R. L. Polk & Co.
	Oberman Hyman furrier	R. L. Polk & Co.
	Kauffman Harry clk PO	R. L. Polk & Co.
	Gertler Sol electn	R. L. Polk & Co.
	Feinstein Saml pres Union Broach Co h Bronx	R. L. Polk & Co.
	Feinstein Saml fruits	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Abowitz Morris Esther meats	R. L. Polk & Co.
1920	Imbrarman David Schneider & Imbraman	R. L. Polk & Co.
	Precker Lena wid Jos sal	R. L. Polk & Co.

FINDINGS

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Pepe Vincent prod	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Zelikowitz B fish	R. L. Polk & Co.
1920	Ruhei Isidore	R. L. Polk & Co.
	Zelikowitz Abr fish	R. L. Polk & Co.
	Bliss Jacob pdlr	R. L. Polk & Co.
	Rubin Louis mgr	R. L. Polk & Co.
	Cooper Max opr	R. L. Polk & Co.
	Haberman Jos	R. L. Polk & Co.
	Liss Harry	R. L. Polk & Co.
	Price Morris baker	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	White Wm printer Dept P C	R. L. Polk & Co.

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<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	White Wm F pres White Investing Co h Hotel Robt Fulton	R. L. Polk & Co.
	Benson Maurice ctr	R. L. Polk & Co.
	White Wm F pntr	R. L. Polk & Co.

74 E 112TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Joskowitz Jacob Fannie meats	R. L. Polk & Co.

75 E 112TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Scheid Jos gro	R. L. Polk & Co.
	Rothman Benj drygds	R. L. Polk & Co.
	Roskosh Saml sec Circle Paper Box Co	R. L. Polk & Co.
	Rosenberg Nathan dry gds	R. L. Polk & Co.
	Ratner Isidor delicatessen	R. L. Polk & Co.
	Fein Morris	R. L. Polk & Co.
	Kornheiser Hy hemstitching	R. L. Polk & Co.
	Gordes Sol slsmn	R. L. Polk & Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Fine Morris pres Fine & Baff Inc	R. L. Polk & Co.
	Fine Ida treas Fine & Baff Inc	R. L. Polk & Co.
	Levy Jacob	R. L. Polk & Co.

83 E 112TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Brown David L tailor	R. L. Polk & Co.

85 E 112TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1920	Schwartz Abr sec Sigmund Schwartz Co	R. L. Polk & Co.
	Schwartz Abr sec treas Gibraltar Textile Co h Cedarhurst LI	R. L. Polk & Co.

E 112TH H DO

53 E 112TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Blind Saml barber	R. L. Polk & Co.

54 E 112TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Karow D ins	R. L. Polk & Co.

59 E 112TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Shapiro Meyer plmbr	R. L. Polk & Co.

67 E 112TH H DO

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1923	Brady & Popilsky painting	R. L. Polk & Co.
	Seifert S glass	R. L. Polk & Co.
1920	Seifert Sigmund cut glass	R. L. Polk & Co.

E 112TH ST

55 E 112TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Hill-Donnelly Information Services

FINDINGS

E 112th St

65 E 112th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JUSTYNIQUE CATERING	EDR Digital Archive
	EAST HARLEM TITANS INC	EDR Digital Archive
	SKH HOLDINGS LLC	EDR Digital Archive
	JUSTYNIQUE CATERING	EDR Digital Archive
	EAST HARLEM TITANS INC	EDR Digital Archive
	LEISURE TOURS INTL LLC	EDR Digital Archive
	FIELDS FELLOWSHIP CLUB INC	EDR Digital Archive
	QUIET STORM ENTERPRISE	EDR Digital Archive
	LEISURE TOURS INTL LLC	EDR Digital Archive
	QUIET STORM ENTERPRISE	EDR Digital Archive
	FIELDS FELLOWSHIP CLUB INC	EDR Digital Archive
	SKH HOLDINGS LLC	EDR Digital Archive
2010	MILDRED JONES	EDR Digital Archive
	GOSPEL MISSIONAY BAPTIST	EDR Digital Archive
	TAFT TENANTS ORGANIZATION INC	EDR Digital Archive
	LUZ MARIA RIVERA	EDR Digital Archive
	QUIET STORM ENTERPRISE	EDR Digital Archive
	FIELDS FELLOWSHIP CLUB INC	EDR Digital Archive
	QUIET STORM ENTERPRISE	EDR Digital Archive
	FIELDS FELLOWSHIP CLUB INC	EDR Digital Archive
	EAST HARLEM TITANS INC	EDR Digital Archive
	JUSTYNIQUE CATERING	EDR Digital Archive
	MILDRED JONES	EDR Digital Archive
	GOSPEL MISSIONAY BAPTIST	EDR Digital Archive
	TAFT TENANTS ORGANIZATION INC	EDR Digital Archive
	LUZ MARIA RIVERA	EDR Digital Archive
	EAST HARLEM TITANS INC	EDR Digital Archive
	JUSTYNIQUE CATERING	EDR Digital Archive

E 112TH ST

65 E 112TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Number 4 F h Deluna Orlando	Hill-Donnelly Information Services
	Number 8 F h Desilva Alice Mrs Av	Hill-Donnelly Information Services
	Number 11 C h Diop Abdourahmane	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Number 17D Dolberry Genoveva A	Hill-Donnelly Information Services
	Number 7 H h Fanniel Margie	Hill-Donnelly Information Services
	Number 9 J Furiow Joann AO	Hill-Donnelly Information Services
	Number 4 C h Gonzalez Carmen AO	Hill-Donnelly Information Services
	Number 11 E h Granizo Dora A	Hill-Donnelly Information Services
	Number 128 Green Tanya V	Hill-Donnelly Information Services
	Number 4 H Guzman Maria A	Hill-Donnelly Information Services
	Number 11D h Hawk B Ao	Hill-Donnelly Information Services
	Henriquez V v	Hill-Donnelly Information Services
	Number 10 K h Herbert Mercedes M A	Hill-Donnelly Information Services
	Number 13 C Hickey William	Hill-Donnelly Information Services
	Number 10D h Hill Luvenia AO	Hill-Donnelly Information Services
	Number 19 H Jones Hester A	Hill-Donnelly Information Services
	Number 3 E h Lee Mary Eliz s	Hill-Donnelly Information Services
	Number 14 A h U Qang v	Hill-Donnelly Information Services
	Number 3D h Uorens Ernestine Ao	Hill-Donnelly Information Services
	Number 16 E Lomax Otto A	Hill-Donnelly Information Services
	Number 19 E Lopez Daniel Av	Hill-Donnelly Information Services
	Number 17 K Lopez Tasha v V	Hill-Donnelly Information Services
	Number 6D h Lucca Ana R	Hill-Donnelly Information Services
	Number 2 E h Martin Robert F Av	Hill-Donnelly Information Services
	Martinez Emilio	Hill-Donnelly Information Services
	Number 1 J h Martinez M	Hill-Donnelly Information Services
	Number 68 h Marzan V v	Hill-Donnelly Information Services
	Mccabe K	Hill-Donnelly Information Services
	Mcknight Latonia V	Hill-Donnelly Information Services
	Number 10 A h Molina Maritza	Hill-Donnelly Information Services
	Number 9 B h Morales H	Hill-Donnelly Information Services
	Number 3 G h Muriel P A	Hill-Donnelly Information Services
	Negron Jose	Hill-Donnelly Information Services
	Negron Tulo	Hill-Donnelly Information Services
	Number 6 G h Ortiz Ana Rosa A	Hill-Donnelly Information Services
	Number 130 h Ortiz C A	Hill-Donnelly Information Services
	Number 2 K h Ortiz David v	Hill-Donnelly Information Services
	Number 108 h Pina Elizabeth	Hill-Donnelly Information Services
	Number 15 K h Pryor Doretha Av	Hill-Donnelly Information Services
	Number 19 K Quesada Maritza	Hill-Donnelly Information Services
	Number 19 B Ramirez Isalas A	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Number 16 G Reagans Edna A	Hill-Donnelly Information Services
	Number 12 G h Reyes	Hill-Donnelly Information Services
	Rivera John	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Number 5 F h Alys L Ao	Hill-Donnelly Information Services
	Number 15 G Anderson K	Hill-Donnelly Information Services
	Wilson I	Hill-Donnelly Information Services
	Number 5 H Wilson Ruby Av	Hill-Donnelly Information Services
	Number 58 h Wiltshire Alan	Hill-Donnelly Information Services
	Number 12 Ch Wright Rita D Mrs A	Hill-Donnelly Information Services
	Wright William	Hill-Donnelly Information Services
	Rivera Luz	Hill-Donnelly Information Services
	Number 2 F Rivera Luz Mana Av	Hill-Donnelly Information Services
	Number 178 Rivers Wyona v	Hill-Donnelly Information Services
	Number 14 E Robinson Azalee Mrs	Hill-Donnelly Information Services
	Number 2 A h Robinson Charles E Avo	Hill-Donnelly Information Services
	Number 38 h Rodr Iiguez Emerita A	Hill-Donnelly Information Services
	Number 18 C Roman Teresa	Hill-Donnelly Information Services
	Number 14 F Rowe Ida A	Hill-Donnelly Information Services
	Number 53 Santos Sabrina AV	Hill-Donnelly Information Services
	Number 6 F h Smith Charles J Av	Hill-Donnelly Information Services
	Smith Jonathan	Hill-Donnelly Information Services
	Taft Youth Action Ctr	Hill-Donnelly Information Services
	Number 15 C Thompson Teressa A Mrs	Hill-Donnelly Information Services
	Number 19 A Tirade Hilda	Hill-Donnelly Information Services
	Number 8 H h Torres Ursula AV	Hill-Donnelly Information Services
	Universal Elevator	Hill-Donnelly Information Services
	h Veg Gria Gv	Hill-Donnelly Information Services
	Number 19 C Ve= ez Ana R A	Hill-Donnelly Information Services
	Number 3 F Walker Tashina V	Hill-Donnelly Information Services
	Number 148 h Williams Sunra v	Hill-Donnelly Information Services
	Aponte George	Hill-Donnelly Information Services
	Number 2 J Bentez Socorro Mrs A	Hill-Donnelly Information Services
	Number 5 E h Benuhan Robert W oo	Hill-Donnelly Information Services
	Number 3 A U Bradshaw Ann R Mrs A	Hill-Donnelly Information Services
	h Branch Margaret Av	Hill-Donnelly Information Services
	Brown Gayle	Hill-Donnelly Information Services
	Number 18 K h Bruger Ernest v s	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Number 6 H h Candelario Norma AV	Hill-Donnelly Information Services
	Number 5 K Canty C v	Hill-Donnelly Information Services
	Number 1 C h Castro Marco & Norma A	Hill-Donnelly Information Services
	Number 78 h Caveness James Jr AV	Hill-Donnelly Information Services
	Number 118 Collado Ysabel Maria	Hill-Donnelly Information Services
	Number 5 C h Concepcion Josefa Ao	Hill-Donnelly Information Services
	Number 6 E h Cook Reggie B Ao 8s	Hill-Donnelly Information Services
	Corona Clara Ao	Hill-Donnelly Information Services
	Cruz A E	Hill-Donnelly Information Services
	Cruz V	Hill-Donnelly Information Services
	Number 5 F Cuadrado Raymond v	Hill-Donnelly Information Services
	Number 4 G h Davis Enida	Hill-Donnelly Information Services
	Number 15 A Dejesus Michelle	Hill-Donnelly Information Services
2000	3G P MURIEL	Cole Information Services
	6K TULIO NEGRON	Cole Information Services
	VIRGINIA NEGRON	Cole Information Services
	ANA R ORTIZ	Cole Information Services
	C ORTIZ	Cole Information Services
	ELIZABETH ORTIZ	Cole Information Services
	11E GLORIA OXIOS	Cole Information Services
	MATEO PARRILLA	Cole Information Services
	15K DORETHA PRYOR	Cole Information Services
	MARITZA QUESADA	Cole Information Services
	TERRY QUINONES	Cole Information Services
	19B ISAIAS RAMIREZ	Cole Information Services
	CARMEN RAMOS	Cole Information Services
	EDNA REAGANS	Cole Information Services
	REDD C REALITY	Cole Information Services
	13C EDWARD REESE	Cole Information Services
	JOSEPH REYES	Cole Information Services
	7J JOHN RIVERA	Cole Information Services
	7J JOSE RIVERA	Cole Information Services
	LUZ M RIVERA	Cole Information Services
	WYONA RIVERS	Cole Information Services
	CHARLES E ROBINSON	Cole Information Services
	MARY ROBINSON	Cole Information Services
	19G ADLEE ROSA	Cole Information Services
	IDA ROWE	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	9G RUBEN SANTIAGO	Cole Information Services
	SABRINA SANTOS	Cole Information Services
	CHARLES J SMITH	Cole Information Services
	3J BLONDELLE SWIFT	Cole Information Services
	9F CHARLES TAIT	Cole Information Services
	15C TERESSA A THOMPSON	Cole Information Services
	19A HILDA TIRADO	Cole Information Services
	PAUL TIRADO	Cole Information Services
	6G EDDA TORO	Cole Information Services
	ABRAHAM TORRES	Cole Information Services
	2B JUDY TORRES	Cole Information Services
	9C G VEGUERIA	Cole Information Services
	15E LENORA WATSON	Cole Information Services
	6E FRANCIS WILLIAMS	Cole Information Services
	8K RUBY WILSON	Cole Information Services
	5B ALAN WILTSHIRE	Cole Information Services
	12C RITA D WRIGHT	Cole Information Services
	TAFT HUD TOP	Cole Information Services
	TAFT YTH ACTN CTR	Cole Information Services
	5F L ALYE	Cole Information Services
	2J SOCORRO BENITEZ	Cole Information Services
	ROBERT W BENUHAN	Cole Information Services
	3A ANNE R BRADSHAW	Cole Information Services
	6F BEVERLY BRITTEN	Cole Information Services
	18K ERNEST BRUGUERAS	Cole Information Services
	9G NORMA CANDELARIO	Cole Information Services
	F CARTAGENA	Cole Information Services
	1C MARCO CASTRO	Cole Information Services
	7B JAMES CAVENESS JR	Cole Information Services
	YSABEL M COLLADO	Cole Information Services
	5C JOSEFA CONCEPCION	Cole Information Services
	4G NICHOLAS COSME	Cole Information Services
	YANIRA DE JESUS	Cole Information Services
	E A DELCARMEN	Cole Information Services
	ORLANDO DELUNA	Cole Information Services
	8F ALICE DESILVA	Cole Information Services
	MILAGROS FIGUEROA	Cole Information Services
	17F CRUZ FLORES	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	EMILIA FLORES	Cole Information Services
	10C MARY FORD	Cole Information Services
	19C BENILDA GARCIA	Cole Information Services
	9A CARMEN GONZALEZ	Cole Information Services
	9F H GOODY	Cole Information Services
	DORA GRANIZO	Cole Information Services
	DANIELLE GRAY	Cole Information Services
	TANYA GREEN	Cole Information Services
	8E J GUNN	Cole Information Services
	CECIL HEMWATEE	Cole Information Services
	10K MERCEDES M HERBERT	Cole Information Services
	DAMAICA F IRISH	Cole Information Services
	17H HESTER JONES	Cole Information Services
	ERNESTINE LLORENS	Cole Information Services
	OTTO LOMAX	Cole Information Services
	ANA R LUCCA	Cole Information Services
	ROBERT F MARTIN	Cole Information Services
	12A EMILIO MARTINEZ	Cole Information Services
	MIGNA MARTINEZ	Cole Information Services
	9B H MORALES	Cole Information Services

72 E 112TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Cuero Deyanira	Hill-Donnelly Information Services

80 E 112TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Hill-Donnelly Information Services

East 111th Street

91 East 111th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Morales Danl	Manhattan and Bronx Directory Publishing Company Residential Directory

FINDINGS

East 112th Street

40 East 112th Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Rodriquez Sabas Aarelina barber	R. L. Polk & Co.
1923	Oriental Soda Water Mfg Co RTN Leon Lazar	R. L. Polk & Co.
	Nazers Embroidery Works TNMorris Nazer	R. L. Polk & Co.
1920	Forer David	R. L. Polk & Co.
	Kram Leo	R. L. Polk & Co.
	Goluboff Wm I agt N Y Life Ins Co	R. L. Polk & Co.
	Goludoff Wm I	R. L. Polk & Co.
	Lifschitz Morris Royal Button Co	R. L. Polk & Co.
	Marks Rudolph	R. L. Polk & Co.
	Mayer Moses	R. L. Polk & Co.
	Nazer Morris Nazers Embroidery Wks	R. L. Polk & Co.
	Nazers Embroidery Wks TN Morris Nazer	R. L. Polk & Co.

MADISON AVE

1679 MADISON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PEQUENA GROCERY STORE	EDR Digital Archive
	TAFT DELI CORP	EDR Digital Archive
2010	PEQUENA GROCERY STORE	EDR Digital Archive
	COLORS	EDR Digital Archive
	TAFT DELI CORP	EDR Digital Archive

Madison Avenue

1679 Madison Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Madison Grocery Food Corp	Hill-Donnelly Information Services
	Pequena Grocery Store I R	Hill-Donnelly Information Services
2000	BIENVENIDO JIMENEZ	Cole Information Services
	PEQUENA GROC STR	Cole Information Services
	THE COLORS	Cole Information Services
	DARISON GROC INC	Cole Information Services
1998	DARISON GROCERY INC	NYNEX Telephone
	PEQUENA GROCERY STORE	NYNEX Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1988	MARTINEZ EDGAR	NYNEX Telephone
1978	J CLUB INC	New York Telephone
	REINHARDT HAROLD D DDS OFC	New York Telephone
	RIVERA MATILDE	New York Telephone
1973	J CLUB INC	New York Telephone
	MARTINEZ ROSE E	New York Telephone
	REINHARDT HAROLD D DD S OFC	New York Telephone
	RIVERA MATILDE	New York Telephone
1968	SOTO FLORIST SHOP	New York Telephone
	RIVERA MATILDE	New York Telephone
	J CLUB INC	New York Telephone
	JARDIN TROPICAL FLORIST	New York Telephone
1963	JARDIN TROPICAL FLORIST	New York Telephone
	SOTO FLORIST SHOP	New York Telephone
1958	SOTO JARDIN TROPICAL	New York Telephone
1956	SOTO JARDIN TROPICAL	New York Telephone
	HOFFMAN PHILIP M ATTY	New York Telephone
	SNYDER & HOFFMAN ATTYS	New York Telephone
1950	J & C NOVELTY	New York Telephone
1947	J & C NOVELTY	New York Telephone
1942	TEICHER FRANK CARPNTR	New York Telephone
1938	TEICHER FRANK CARPNTR	New York Telephone
	FELDMAN HARDWOOD FLOORING CO	New York Telephone
	SAAL HENRY TINSMITH	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

E 112th Street

Address Not Identified in Research Source

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978

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

1679 MADISON AVE

Address Not Identified in Research Source

2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920

1679 Madison Avenue

2014, 2010, 1996, 1993, 1983, 1934, 1931, 1927, 1923, 1920

40 East 112th Street

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927

50 E 112 ST

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1947, 1942, 1938, 1934, 1927, 1923, 1920

50 E 112ND

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920

50 E 112TH

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923

51 E 112 ST

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920

51 E 112ND

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920

51 E 112TH

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927

52 E 112TH

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923

53 E 112 ST

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1942, 1938, 1934, 1923, 1920

53 E 112ND

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920

53 E 112TH

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927, 1923

53 E 112TH H DO

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1920

54 E 112 ST

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920

54 E 112ND

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920

54 E 112TH

2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923

FINDINGS

Address Researched

Address Not Identified in Research Source

54 E 112TH H DO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1920
55 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1973, 1968, 1963, 1958, 1950, 1947, 1938, 1934, 1931, 1923, 1920
55 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
55 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927, 1923, 1920
55 E 112TH ST	2014, 2010, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
56 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1947, 1934, 1923, 1920
56 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
56 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927
57 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1938, 1934, 1923, 1920
57 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
57 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927
58 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
59 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
59 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
59 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
59 E 112TH H DO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1920
60 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1947, 1942, 1938, 1934, 1927, 1923, 1920
60 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
60 E 111th St	2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
60 E 111th St	2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
60 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1958, 1956, 1947, 1942, 1938, 1934, 1931, 1923, 1920
60 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1923, 1920
60 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927, 1923, 1920
61 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1938, 1934, 1931, 1927, 1923, 1920

FINDINGS

Address Researched

Address Not Identified in Research Source

61 E 112 FILMLO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
62 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
62 E 111TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
62 E 111TH H DO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927, 1923
62 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920
62 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1947, 1942, 1938, 1934, 1927, 1923, 1920
62 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
62 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927, 1923
63 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1947, 1942, 1938, 1934, 1923, 1920
63 E 111TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927, 1923
63 E 111TH H DO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1920
63 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
63 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1947, 1942, 1938, 1934, 1923, 1920
63 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
63 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
64 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1942, 1938, 1934, 1923, 1920
64 E 111TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
64 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
64 E 111th St	2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
64 E 111th St	2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
64 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1950, 1947, 1942, 1938, 1934, 1923, 1920
64 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
64 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
65 E 112	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920

FINDINGS

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
65 E 112 F	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
65 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1963, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
65 E 112TH ST	2014, 2010, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
65 E 112th St	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
65 E 112th St	2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
66 E 111 ACRMNTO 2	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
66 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1934, 1923, 1920
66 E 111TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927
66 E 111TH H DO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
66 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
66 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
67 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
67 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
67 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1947, 1942, 1938, 1934, 1923, 1920
67 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
67 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927
67 E 112TH H DO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
68 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
68 E 111TH H DO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927, 1923
68 E 112 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1938, 1934, 1923, 1920
68 E 112ND	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
68 E 112TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1927
69 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1934, 1923, 1920
69 E 111TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927
69 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920

FINDINGS

Address Not Identified in Research Source

[illegible]

FINDINGS

Address Not Identified in Research Source

[illegible]

FINDINGS

Address Researched

Address Not Identified in Research Source

87 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
88 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1942, 1934, 1923, 1920
88 E 111TH	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927
88 E 111TH H DO	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1931, 1927, 1923, 1920
88 E 111TH ST	2014, 2010, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1923, 1920
89 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
89 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
90 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1958, 1956, 1947, 1942, 1938, 1934, 1931, 1927, 1923, 1920
91 E 111 ST	2014, 2010, 2006, 2000, 1996, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
91 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
91 East 111th Street	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1927, 1923, 1920
93 E 111 ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1934, 1931, 1923, 1920
93 E 111TH ST	2014, 2010, 2006, 2000, 1998, 1996, 1993, 1988, 1983, 1978, 1973, 1968, 1963, 1958, 1956, 1950, 1947, 1942, 1938, 1934, 1931, 1923, 1920

APPENDIX H

Environmental Lien Search and Activity Use Limitations

Sendero

E 112th Street
New York, NY 10029

Inquiry Number: 5042077.7
September 13, 2017

EDR Environmental Lien and AUL Search

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

E 112th Street
Sendero
New York, NY 10029

RESEARCH SOURCE

Source 1:

New York county recorder
New York, NY

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Deed
Title is vested in:	The City of New York
Title received from:	Richard Lewisohn
Deed Dated	6/12/1972
Deed Recorded:	6/12/1972
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	see exhibit
Miscellaneous Comments:	na

Legal Description: see exhibit

Legal Current Owner: The City of New York

Parcel # / Property Identifier: 1617-45, 1617-46

Comments: see exhibit

Deed 2:

Type of Deed:	Deed
Title is vested in:	The City of New York
Title received from:	Harry S. Tieshelman
Deed Dated	4/25/1977
Deed Recorded:	4/25/1977
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	

EDR Environmental Lien and AUL Search

Miscellaneous Comments: see exhibit
na

Legal Description: see exhibit

Legal Current Owner: The City of New York

Parcel # / Property Identifier: 1617-28

Comments: see exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

Deed Exhibit 1

SH 243 PAGE 1146

Recd 243 PAGE 1146

THIS DEED, made the 12th day of June,
nineteen hundred and seventy-two,

BETWEEN Richard Lewisohn, Finance
Administrator of The City of New York, having his principal
office at Room 500, Municipal Building, Borough of Manhattan,
County, City and State of New York, Grantor, and THE CITY
OF NEW YORK, a Municipal Corporation, having its principal
office at the City Hall, Borough of Manhattan, County,
City and State of New York, Grantee,

W I T N E S S E T H :

That the Grantor, duly empowered by a judgment
entered at a Special Term Part II, of the Supreme Court,
New York County, on June 12, 1972, in an action to
foreclose certain tax liens owned and held by The City
of New York, entitled "In the Matter of the Foreclosure
of Tax Liens pursuant to Title D of Chapter 17 of the
Administrative Code of the City of New York, List of
Delinquent Taxes, Sections 5,6,7 and 8, Borough of
Manhattan, Action No. 24," and in pursuance of the
provisions of Section D17-12.0 of the Administrative
Code of The City of New York, does hereby grant and convey
unto the Grantee, its successors and assigns:

All these certain lots,
pieces, or parcels of land with
the buildings and improvements
thereon erected, situate,
lying and being in the Borough
of Manhattan, County, City and
State of New York, more parti-
cularly designated on the Tax
Map of the City of New York, for
the Borough of Manhattan as Sec-
tions 5,6,7 and 8 as said Tax
Map was on the 30th day of March, 1971.

243-1147

<u>Ser.</u>	<u>Sec.</u>	<u>Block</u>	<u>Lot</u>
55	5	1467	43
106	6	1599	13
108	6	1599	18
109	6	1599	24
110	6	1599	26
117	6	1599	59
118	6	1599	62
119	6	1599	64
121	6	1600	27
140	6	1614	56
144	6	1615	59
148	6	1616	21
149	6	1616	23
150	6	1616	25
159	6	1617	31
160	6	1617	33
161	6	1617	42
162	6	1617	43
163	6	1617	45
164	6	1617	46

REF: 243-1148

<u>Ser.</u>	<u>Sec.</u>	<u>Block</u>	<u>Lot</u>
166	6	1617	52
168	6	1617	69
169	6	1617	70
170	6	1617	71
172	6	1621	1
174	6	1621	4
181	6	1621	22
182	6	1621	23
191	6	1622	36
211	6	1623	49
222	6	1623	132
246	6	1628	37
247	6	1628	38
248	6	1628	40
255	6	1629	8
256	6	1629	49
293	6	1635	59
297	6	1635	149
299	6	1635	25
300	6	1636	29
307	6	1638	12
314	6	1638	66
321	6	1643	28
332	6	1644	69
337	6	1645	24
338	6	1645	120
374	6	1674	50
375	6	1674	51
376	6	1674	52
411	6	1688	115
422	6	1708	29

REFL 243-1149

<u>Ser.</u>	<u>Sec.</u>	<u>Block</u>	<u>Lot</u>
423	6	1708	30
429	6	1708	133
440	6	1710	31
441	6	1710	33
467	6	1717	33
468	6	1717	38
469	6	1717	39
470	6	1717	41
478	6	1717	66
490	6	1720	2
504	6	1722	6
524	6	1724	69
525	6	1724	71
526	6	1724	117
528	6	1725	16
532	6	1725	52
533	6	1725	58
539	6	1725	142
540	6	1726	11
542	6	1726	21
544	6	1726	25
545	6	1726	26
547	6	1726	33
556	6	1728	59
557	6	1728	60
568	6	1729	30
577	6	1729	129
579	6	1729	160
580	6	1729	163
587	6	1736	55
588	6	1745	11

REF 243 1150

Ser.	Sec.	Block	Lot
589	6	1745	12
593	6	1745	23
596	6	1745	37
605	6	1745	104
614	6	1748	9
615	6	1748	12
616	6	1748	13
623	6	1749	131
628	6	1750	52
631	6	1750	167
635	6	1751	37
636	6	1751	44
642	6	1751	126
643	6	1751	131
644	6	1751	160
651	6	1753	8
654	6	1753	17
655	6	1753	31
656	6	1753	32
658	6	1753	48
659	6	1753	63
660	6	1753	66
662	6	1753	115
663	6	1753	117
675	6	1754	61
684	6	1755	24
685	6	1755	28
686	6	1755	45
692	6	1755	146
698	6	1756	17
699	6	1756	29

REL 243 A-1151

<u>Ser.</u>	<u>Sec.</u>	<u>Flock</u>	<u>Lot</u>
700	6	1756	31
701	6	1756	37
702	6	1756	47
703	6	1756	48
705	6	1756	52
708	6	1756	67
709	6	1756	68
711	6	1756	113
714	6	1767	7
716	6	1767	22
727	6	1768	9
731	6	1768	56
737	6	1769	33
740	6	1769	64
744	6	1770	3
746	6	1770	51
747	6	1770	67
752	6	1771	17
753	6	1771	20
758	6	1772	59
762	6	1773	4
766	6	1773	72
780	6	1777	110
783	6	1783	24
787	6	1783	117
788	6	1784	120
789	6	1785	11
812	6	1789	22
817	6	1790	45
820	6	1795	16
825	6	1796	8

REF. 243-ME1152

<u>Ser.</u>	<u>Sec.</u>	<u>Flock</u>	<u>Lot</u>
830	6	1796	106
841	6	1815	7
850	7	1821	57
856	7	1822	52
869	7	1824	16
870	7	1824	23
871	7	1824	34
872	7	1824	45
873	7	1824	47
874	7	1824	48
875	7	1824	51
876	7	1824	52
877	7	1824	53
878	7	1824	54
881	7	1825	34
883	7	1825	44
884	7	1826	40
886	7	1827	29
890	7	1828	2
891	7	1828	5
892	7	1828	7
893	7	1828	8
895	7	1828	56
898	7	1829	3
899	7	1829	4
905	7	1829	64
906	7	1830	2
907	7	1830	53
909	7	1830	55
911	7	1831	6
925	7	1839	38

Deed Exhibit 2

T H I S D E E D, made the 25th day of April,
Nineteen hundred and Seventy - seven,

B E T W E E N HARRY S. TISHELMAN, Acting
Commissioner of Finance of The City of New York, having his
principal office in Room 500, Municipal Building, Borough of
Manhattan, County, City and State of New York, GRANTOR,

and THE CITY OF NEW YORK, a municipal corporation having its
principal office at City Hall, Borough of Manhattan, County,
City and State of New York, GRANTEE.

W I T N E S S E T H:

That the Grantor, duly empowered by a
judgment of foreclosure entered at a Special Term , Part II,
of the New York Supreme Court, County of New York
on April 22, 1977,

in an action to foreclose certain tax liens owned and held by
The City of New York entitled:

IN REM TAX FORECLOSURE ACTION NO. 28, BOROUGH OF MANHATTAN

and in pursuance of the provisions of Section D17-12.0 of the
Administrative Code of The City of New York, does hereby grant
and convey unto the Grantee, its successors and assigns:

All those certain lots, pieces or parcels of land with the buildings and improvements thereon erected, situate, lying and being in the Borough of Manhattan, County, City and State of New York, more particularly designated on the Tax Map of The City of New York, for the Borough of Manhattan, as Sections 1 to 8, inclusive, as said Tax Map was on the 16th day of February, 1976.

SERIAL NO.	SEC.	BLOCK	LOT
8	01	30	19
12	01	90	1
13	01	91	3
15	01	96	12
17	01	98	24
21	01	107	32
22	01	107	46
37	01	161	50
38	01	161	53
39	01	161	56
49	01	173	22
77	01	231	16
82	01	238	4
89	01	271	53
90	01	272	17
92	01	275	20

SERIAL NO.	SEC.	BLOCK	LOT
101	01	279	17
103	01	280	8
110	01	285	23
123	01	310	12
126	02	336	35
127	02	337	25
134	02	344	148
135	02	344	149
139	02	345	15
140	02	345	32
144	02	345	55
145	02	345	56
146	02	345	74
155	02	349	1
156	02	349	2
157	02	349	3
158	02	349	4
159	02	349	5
160	02	349	7
164	02	350	14
165	02	350	23
169	02	350	31
170	02	350	36
171	02	350	41
174	02	350	65

SERIAL NO.	SEC.	BLOCK	LOT
181	02	355	52
183	02	372	25
186	02	372	37
187	02	372	58
189	02	373	13
190	02	372	32
193	02	372	52
194	02	373	53
195	02	373	59
197	02	374	25
198	02	374	27
199	02	374	28
200	02	374	39
202	02	375	5
203	02	375	7
204	02	375	8
205	02	375	9
206	02	375	56
209	02	375	58
210	02	375	64
211	02	375	66
212	02	376	1
213	02	376	2
217	02	376	40
218	02	376	53

SERIAL NO.	SEC.	BLOCK	I JT
221	02	377	22
223	02	377	30
230	02	377	72
231	02	378	17
232	02	378	19
233	02	379	20
236	02	378	46
237	02	379	48
238	02	378	51
239	02	378	52
240	02	378	60
241	02	378	62
242	02	379	3
243	2	379	7
244	02	379	41
246	02	379	56
247	02	379	51
251	02	384	14
257	02	385	23
261	02	386	15
268	02	386	52
274	02	387	35
275	02	387	37
279	02	387	131
280	02	387	145

SERIAL NO.	SEC.	BLOCK	LOT
285	02	389	28
287	02	389	40
291	02	390	30
299	02	392	51
302	02	393	27
303	02	393	28
304	02	393	29
305	02	393	30
306	02	393	51
308	02	393	59
309	02	393	60
311	02	394	5
314	02	394	47
315	02	394	48
316	02	394	61
317	02	395	3
318	02	395	5
328	02	398	38
329	02	398	58
342	02	401	29
343	02	401	52
343	02	402	39
354	02	405	20
355	02	405	22
360	02	405	54

SERIAL NO.	SEC.	BLOCK	LOT
363	02	406	16
364	02	406	17
368	02	406	50
369	02	406	50
374	02	407	38
375	02	407	29
378	02	409	60
379	02	410	21
391	2	416	5
395	02	419	40
400	02	420	16
401	02	420	47
402	02	421	51
405	02	421	53
406	02	421	57
429	02	434	29
434	02	436	17
447	02	440	34
463	02	464	45
482	02	451	21
488	02	452	42
495	02	458	32
497	02	459	23
519	02	465	57
547	02	492	12

SERIAL NO.	SEC.	BLOCK	LOT
548	02	492	13
549	02	492	14
550	02	492	15
551	02	492	16
552	02	492	17
566	02	507	10
571	02	508	5
572	02	508	17
578	02	514	23
583	02	522	43
591	02	529	40
592	02	530	30
640	02	586	42
657	02	597	30
660	02	606	33
664	02	612	46
667	02	615	58
708	02	640	39
716	02	644	8005
717	02	644	8011
718	02	644	8013
719	02	644	8015
720	02	644	8016
722	02	644	8025
723	02	644	8026

SERIAL NO.	SEC.	BLOCK	LOT
728	03	670	1
729	03	680	1
730	03	683	1
732	03	695	30
733	03	695	34
734	03	695	35
735	03	695	36
737	03	702	1
753	03	734	65
754	03	734	66
797	03	763	32
799	03	763	75
802	03	770	53
820	03	780	13
825	03	783	49
840	03	805	35
843	03	816	6
862	03	859	30
866	03	875	7
868	03	879	62
870	03	882	45
920	03	929	125
920	03	991	61
940	04	1003	29
945	04	1017	2

SERIAL NO.	SEC.	BLOCK	LOT
952	04	1026	1
958	04	1034	19
959	04	1035	10
965	04	1037	43
967	04	1037	50
972	04	1039	55
973	04	1030	56
974	04	1038	57
984	04	1043	2
997	04	1055	44
1002	04	1057	13
1005	04	1057	35
1006	04	1057	37
1009	04	1058	27
1013	04	1058	59
1014	04	1058	60
1016	04	1058	160
1019	04	1060	61
1020	04	1060	52
1021	04	1060	160
1032	04	1074	100
1033	04	1074	200
1034	04	1074	500
1035	04	1074	600
1036	04	1074	700

SERIAL NO.	SEC.	BLOCK	LOT
1037	04	1074	900
1038	04	1074	1000
1039	04	1074	1100
1041	04	1076	19
1045	04	1078	42
1046	04	1078	43
1049	04	1031	39
1056	04	1111	3001
1064	04	1131	31
1074	04	1143	57
1084	04	1162	77
1102	04	1197	42
1109	04	1206	20
1123	04	1214	1
1124	04	1214	4
1126	04	1214	13
1127	04	1214	64
1133	04	1220	40
1147	04	1231	12
1148	04	1231	29
1149	04	1231	30
1150	04	1231	32
1151	04	1231	33
1152	04	1231	34
1153	04	1231	35

SERIAL NO.	SEC.	BLOCK	LOT
1154	04	1231	37
1155	04	1231	39
1156	04	1231	42
1157	04	1231	43
1161	04	1236	33
1162	04	1236	34
1163	04	1236	35
1164	04	1236	36
1171	04	1244	52
1172	04	1246	20
1175	04	1247	150
1222	05	1368	143
1232	05	1382	46
1276	05	1462	5
1281	05	1467	35
1286	05	1472	324
1303	05	1506	105
1325	05	1524	14
1326	05	1524	15
1327	05	1524	16
1328	05	1534	17
1333	05	1536	25
1338	05	1538	10
1341	05	1540	30

SERIAL NO.	SEC.	BLOCK	LOT
1349	05	1553	24
1351	05	1554	14
1356	05	1557	50
1361	05	1567	29
1376	06	1595	1
1377	06	1595	3
1378	06	1595	4
1379	06	1595	32
1380	06	1599	9
1383	06	1599	140
1387	06	1603	40
1390	06	1610	11
1395	06	1614	57
1396	06	1614	50
1397	06	1614	62
1401	06	1616	31
1402	06	1616	35
1408	06	1617	23
1409	06	1617	25
1410	06	1617	28
1415	06	1617	121
1418	05	1621	58
1420	06	1621	56
1421	05	1621	70
1422	06	1621	71

SERIAL NO.	SFC.	BLOCK	LOT
1423	06	1622	20
1427	06	1622	49
1430	06	1623	26
1431	06	1623	27
1432	06	1623	29
1451	06	1627	1
1452	06	1627	22
1454	06	1627	47
1461	06	1628	57
1462	06	1628	159
1466	06	1629	9
1469	06	1629	32
1473	06	1630	10
1478	06	1630	44
1491	06	1633	53
1493	06	1634	29
1494	06	1634	30
1510	06	1626	42
1515	06	1627	28
1524	06	1638	53
1525	06	1633	28
1526	06	1639	30
1527	06	1639	31
1530	06	1635	49
1531	06	1639	124

SERIAL NO.	SEC.	BLOCK	LOT
1535	06	1643	26
1536	06	1643	24
1540	6	1644	46
1542	06	1644	64
1551	06	1645	3
1556	06	1645	150
1568	06	1655	11
1574	06	1659	30
1583	06	1651	20
1584	06	1661	32
1593	06	1665	10
1598	06	1666	32
1599	06	1666	104
1600	06	1666	107
1609	06	1671	30
1611	06	1671	43
1613	06	1674	7
1616	06	1675	31
1619	06	1676	18
1621	06	1676	32
1622	06	1676	34
1624	06	1676	46
1625	06	1676	47
1626	06	1676	48
1627	06	1676	148

SERIAL NO.	SEC.	BLOCK	LOT
1628	06	1677	1
1629	06	1677	2
1634	06	1677	24
1640	06	1681	24
1642	06	1683	4
1645	06	1683	36
1653	06	1687	102
1657	06	1689	46
1658	06	1689	47
1664	06	1708	39
1665	06	1708	48
1670	06	1709	1
1672	06	1709	10
1673	06	1709	11
1673	06	1709	40
1681	06	1710	8
1684	06	1710	29
1685	06	1710	34
1686	06	1710	47
1690	06	1711	0
1691	06	1711	13
1696	06	1715	50
1701	06	1716	11
1702	06	1716	13
1703	06	1717	10

SERIAL NO.	SFC.	BLOCK	LOT
1710	06	1718	18
1715	06	1718	46
1716	06	1718	48
1718	06	1718	67
1719	06	1718	68
1729	06	1720	27
1735	6	1720	127
1752	06	1721	56
1744	06	1721	61
1746	06	1722	9
1749	06	1722	46
1750	06	1722	100
1751	06	1722	137
1752	06	1722	49
1753	06	1723	57
1756	06	1724	19
1760	06	1724	24
1771	06	1725	24
1771	06	1725	27
1771	06	1725	28
1771	06	1725	45
1781	06	1725	52
1786	06	1725	107
1788	06	1725	137

SERIAL NO.	SFC.	BLOCK	LOT
1791	06	1726	6
1793	06	1726	19
1797	06	1726	57
1798	06	1726	61
1802	06	1727	31
1803	06	1727	33
1805	06	1727	51
1811	06	1727	51
1816	06	1723	13
1817	06	1729	20
1822	06	1729	1
1824	06	1729	11
1827	06	1729	24
1829	06	1729	44
1830	06	1729	50
1842	06	1736	19
1843	06	1736	21
1844	06	1736	23
1845	06	1736	25
1852	06	1748	33
1856	06	1748	69
1869	06	1748	128
1872	06	1749	21
1874	06	1747	61
1873	06	1750	29

SERIAL NO.	SEC.	BLOCK	LJT
1879	06	1750	30
1880	06	1750	46
1884	06	1750	57
1885	06	1750	58
1892	06	1751	17
1893	06	1751	31
1894	06	1751	32
1901	06	1751	71
1905	06	1751	116
1906	06	1751	132
1908	06	1751	164
1909	06	1752	16
1913	06	1753	16
1918	06	1753	45
1919	06	1753	51
1924	06	1754	9
1928	06	1754	25
1937	06	1754	120
1942	06	1755	25
1943	06	1755	29
1947	06	1755	129
1949	06	1756	1
1950	06	1756	3
1951	06	1756	11
1953	06	1756	28

SERIAL NO.	SEC.	ALOCK	LIT
1954	06	1756	49
1955	06	1756	51
1990	06	1770	50
1992	06	1771	5
1985	06	1771	44
1986	06	1771	47
1997	06	1771	50
1996	06	1772	25
1997	06	1772	26
1998	06	1772	28
1999	06	1772	29
2038	06	1783	43
2048	06	1785	43
2050	06	1786	14
2060	06	1788	20
2061	06	1738	21
2063	06	1738	41
2065	06	1789	13
2068	06	1739	16
2069	06	1730	20
2072	06	1791	111
2076	06	1795	2
2077	06	1795	5
2078	06	1795	7
2090	06	1795	51

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SERIAL NO.	SEC.	BLOCK	LOT
2090	06	1796	148
2092	06	1807	15
2095	06	1907	34
2097	06	1807	122
2099	06	1815	43
2100	06	1815	50
2101	07	1820	13
2105	07	1821	25
2112	07	1822	54
2113	07	1823	10
2116	07	1823	26
2117	07	1823	29
2118	07	1823	37
2119	07	1823	38
2120	07	1823	39
2122	07	1824	33
2123	07	1824	40
2124	07	1824	50
2125	07	1824	55
2126	07	1825	27
2129	07	1825	53
2130	07	1825	54
2131	07	1825	55
2132	07	1826	8
2133	07	1826	12

SERIAL NO.	SEC.	BLOCK	LOT
2142	07	1827	59
2154	07	1831	18
2157	07	1831	56
2164	07	1837	21
2166	07	1837	44
2168	07	1838	44
2171	07	1839	42
2172	07	1839	44
2173	07	1840	8
2179	07	1840	56
2183	07	1842	51
2185	07	1843	3
2186	07	1843	4
2193	07	1843	63
2194	07	1844	1
2195	07	1844	5
2196	07	1844	6
2197	07	1844	7
2199	07	1844	18
2200	07	1844	20
2201	07	1844	55
2202	07	1844	56
2203	07	1844	57
2207	07	1846	27
2208	07	1846	30

SERIAL NO.	SEC.	BLOCK	LOT
2210	07	1846	41
2211	07	1846	50
2213	07	1847	7
2215	07	1847	21
2220	07	1847	22
2222	07	1847	46
2226	07	1847	59
2228	07	1847	54
2233	07	1848	51
2236	07	1848	57
2237	07	1849	2
2238	07	1849	14
2239	07	1849	15
2240	07	1849	18
2245	07	1849	28
2246	07	1849	42
2247	07	1849	50
2249	07	1850	46
2272	07	1868	24
2273	07	1870	7
2274	07	1870	29
2282	07	1876	29
2283	07	1876	30
2284	07	1876	31

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SERIAL NO.	SEC.	BLOCK	LOT
2315	07	1901	10
2316	07	1901	12
2318	07	1901	55
2319	07	1902	1
2320	07	1902	13
2321	07	1902	17
2322	07	1902	21
2324	07	1902	22
2326	07	1902	29
2327	07	1902	39
2331	07	1902	49
2332	07	1902	118
2334	07	1902	120
2336	07	1902	145
2340	07	1903	15
2342	07	1903	26
2345	07	1903	39
2350	07	1903	51
2356	07	1904	37
2362	07	1904	59
2367	07	1906	33
2373	07	1906	53
2385	07	1906	133
2386	07	1907	7
2387	07	1907	11

SERIAL NO.	SEC.	BLOCK	LOT
2390	07	1907	29
2391	07	1907	30
2392	07	1907	34
2399	07	1907	110
2401	07	1907	133
2404	07	1908	112
2414	07	1909	140
2420	07	1911	53
2421	07	1911	61
2422	07	1911	62
2424	07	1911	112
2426	07	1911	122
2427	07	1911	125
2432	07	1912	6
2434	07	1913	7
2437	07	1913	26
2442	07	1913	58
2445	07	1913	106
2448	07	1914	17
2450	07	1914	23
2451	07	1914	24
2454	07	1914	52
2450	07	1915	36
2471	07	1915	30
2476	07	1915	151

SERIAL NO.	SEC.	BLOCK	LOT
2477	07	1916	132
2479	07	1917	4
2481	07	1917	10
2486	07	1917	64
2489	07	1918	4
2492	07	1918	49
2499	07	1920	20
2503	07	1921	8
2510	07	1921	34
2516	07	1922	6
2520	07	1922	7
2521	07	1922	8
2522	07	1922	13
2523	07	1922	56
2524	07	1922	107
2526	07	1922	33
2529	07	1923	62
2531	07	1924	7
2536	07	1925	1
2538	07	1925	5
2540	07	1925	7
2540	07	1925	8
2542	07	1925	24
2546	07	1925	62
2550	07	1926	27

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SERIAL NO.	SEC.	BLOCK	LOT
2552	07	1926	58
2555	07	1927	6
2560	07	1927	33
2562	07	1927	58
2566	07	1928	1
2567	07	1928	2
2568	07	1928	9
2570	07	1928	16
2574	07	1928	58
2575	07	1928	59
2578	07	1929	8
2584	07	1929	52
2585	07	1929	54
2595	07	1937	42
2598	07	1937	57
2608	07	1939	2
2609	07	1939	4
2610	07	1939	7
2611	7	1939	31
2612	07	1939	52
2613	07	1939	54
2614	07	1939	129
2617	07	1940	18
2622	07	1940	51
2624	07	1941	1

SERIAL NO.	SFC.	ALOCK	LOT
2625	07	1941	2
2629	07	1941	34
2630	07	1941	36
2636	07	1942	6
2637	07	1942	12
2638	07	1942	24
2645	07	1942	114
2648	07	1942	23
2650	07	1943	33
2651	07	1943	37
2652	07	1943	39
2653	07	1942	44
2655	07	1944	1
2657	07	1944	10
2658	07	1944	13
2659	07	1944	14
2662	07	1944	34
2663	07	1944	41
2664	07	1944	51
2667	07	1944	61
2669	07	1945	11
2671	07	1945	22
2672	07	1945	56
2673	07	1946	38
	07	1946	46

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SERIAL NO.	SFC.	BLOCK	LOT
2674	07	1947	6
2675	07	1947	11
2677	07	1947	16
2679	07	1947	43
2680	07	1947	57
2692	07	1947	110
2697	07	1949	50
2691	07	1949	13
2695	07	1950	4
2699	07	1950	60
2700	07	1950	64
2702	07	1950	123
2704	07	1952	4
2705	07	1952	33
2706	07	1953	1
2710	07	1953	37
2711	07	1953	56
2712	07	1953	61
2713	07	1953	64
2716	07	1954	20
2717	07	1954	27
2723	07	1954	41
2725	07	1955	2
2731	07	1958	24
2733	07	1958	26

SERIAL NO.	SFC.	BLICK	LOT
2734	07	1958	27
2736	07	1958	41
2743	07	1959	41
2744	07	1959	42
2745	07	1959	44
2746	07	1959	45
2747	07	1959	46
2748	07	1959	54
2749	07	1959	56
2750	07	1959	58
2752	07	1960	33
2754	07	1960	39
2760	07	1966	16
2767	07	1966	174
2769	07	1968	23
2770	07	1968	24
2771	07	1968	25
2772	07	1968	26
2773	07	1968	27
2776	07	1969	3
2784	07	1970	72
2786	07	1982	104
2790	07	1984	50
2794	07	1987	24
2795	07	1987	26

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SERIAL NO.	SEC.	BLOCK	LOT
2796	07	1987	39
2797	07	1988	8
2798	07	1988	10
2805	07	1988	90
2906	07	1988	99
2812	07	1993	40
2815	07	1992	24
2825	07	2004	171
2835	07	2007	8
2836	07	2007	10
2839	07	2007	23
2840	07	2007	42
2841	07	2007	43
2842	07	2007	53
2843	07	2007	56
2850	07	2011	1
2852	07	2011	22
2856	07	2011	42
2857	07	2011	43
2858	07	2011	43
2859	07	2011	57
2860	07	2012	1
2861	07	2012	6
2862	07	2012	13
2867	07	2012	51

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SERIAL NO.	SEC.	BLOCK	LOT
2882	07	2023	41
2883	07	2023	51
2887	07	2024	6
2887	07	2025	23
2907	07	2030	2
2908	07	2030	8
2912	07	2031	5
2918	07	2032	4
2921	07	2032	61
2922	07	2032	62
2923	07	2032	63
2924	07	2032	1
2925	07	2032	7
2927	07	2033	24
2935	07	2033	47
2936	07	2033	54
2944	07	2039	58
2945	07	2039	60
2946	07	2039	63
2947	07	2040	43
2951	07	2041	16
2953	07	2041	27
2955	07	2041	50
2956	07	2041	52
2971	07	2044	3

SERIAL NO.	SEC.	BLOCK	LOT
			4
2972	07	2044	31
2975	07	2044	32
2976	07	2044	36
2977	07	2044	37
2978	07	2045	38
2983	07	2045	42
2984	07	2045	49
2985	07	2045	52
2986	07	2045	39
2988	07	2046	1
2990	07	2046	15
2991	07	2046	49
2993	07	2046	52
2994	07	2046	53
2996	07	2047	14
3000	07	2048	42
3005			
3006	07	2048	43
3010		2048	141
3011		2048	142
3020	07	2051	13
3021	07	2051	29
3022	07	2051	43
3023	07	2051	45
3027	07	2051	104
3028	07	2051	113

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SERIAL NO.	SEC.	BLOCK	LOT
3029	07	2051	123
3030	07	2051	124
3031	07	2051	127
3034	07	2051	136
3036	07	2051	146
3041	07	2052	90
3042	07	2053	99
3043	07	2054	25
3045	07	2057	133
3052	07	2058	104
3059	07	2059	114
3063	07	2060	44
3072	07	2061	53
3074	07	2061	124
3079	07	2062	36
3080	07	2062	120
3082	07	2063	2
3085	07	2063	21
3090	07	2064	51
3094	07	2065	55
3096	07	2065	58
3101	07	2066	36
3106	07	2067	130
3118	07	2070	26

SERIAL NO.	SEC.	BLOCK	LOT
3119	07	2071	30
3123	07	2072	10
3127	07	2072	34
3128	07	2072	35
3135	07	2073	29
3136	07	2073	30
3137	07	2073	31
3138	07	2073	33
3144	07	2074	6
3145	07	2074	21
3152	07	2076	45
3160	07	2079	7
3162	07	2079	37
3163	07	2079	53
3169	07	2080	42
3170	07	2080	46
3171	07	2080	56
3172	07	2080	112
3175	07	2081	20
3176	07	2081	30
3180	07	2081	31
3186	07	2082	36
3189	07	2082	50
3190	07	2082	59
3199	07	2084	40

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SERIAL NO.	SEC.	BLOCK	LOT
3200	07	2034	50
3201	07	2084	52
3204	07	2084	54
3208	07	2086	56
3209	07	2086	139
3212	07	2087	24
3213	07	2087	29
3223	07	2101	60
3224	08	2108	71
3237	08	2110	63
3238	08	2110	71
3239	08	2110	74
3241	03	2111	1
3244	03	2111	42
3246	08	2111	55
3247	08	2111	57
3258	08	2114	25
3261	08	2115	21
3262	08	2115	15
3263	08	2115	43
3264	08	2115	59
3267	08	2117	27
3277	08	2116	16
3280	03	2119	62
3283	02	2120	14


SERIAL NO.	SEC.	BLOCK	LOT
3285	08	2120	56
3296	08	2122	30
3297	07	2123	37
3299	08	2123	32
3301	08	2123	90
3309	08	2126	44
3312	03	2127	52
3313	08	2129	9
3322	03	2130	59
3325	03	2132	80
3326	08	2132	32
3327	08	2132	94
3328	03	2132	96
3329	03	2132	124
3351	03	2134	105
3354	00	2135	26
3337	08	2136	46
3341	1	2139	199
3345	1	2140	30
3346	02	2145	25
3350	03	2152	36
3358	08	2154	96
3365	03	2157	42
3357	8	2157	91
3368	08	2159	12

SERIAL NO.	SEC.	BLOCK	LOT
3376	08	2169	59
3377	08	2170	365
3381	08	2180	32
3383	08	2200	0
3384	08	2200	11
3385	08	2200	13
3386	08	2215	39
3395	08	2215	630
3397	08	2219	9
3402	08	2220	29
3403	08	2220	43
3406	08	2226	45
3407	08	2226	46
3410	08	2241	6
3416	08	2255	1031
3418	Ident. No.C 208-0D		1
3419	Ident. No. 213		
3420	Ident. No.A 213A		
3421	Ident. No.A 213B		
3424	Ident. No. 1854B		
3426	Ident. No.A2076A		
3427	Ident. No.E2076		
3428	Ident. No. 2107		

TO HAVE AND TO HOLD the premises herein granted
unto the Grantee, its successors and assigns forever,
SUBJECT to any state of facts an accurate survey
would show,

SUBJECT also to unpaid taxes, assessments and water
rates affecting said premises which have accrued and become
liens subsequent to those contained in the List of Delinquent
Taxes filed in the above-mentioned action.

IN WITNESS WHEREOF, the Grantor has hereunto set
his hand and seal.

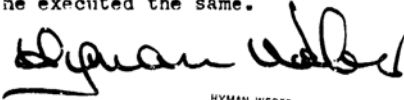


Harry S. Tishelman, Acting L.S.
Commissioner of Finance
of The City of New York

In the presence of:

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

On the 25th day of April, 1977,
before me came Harry S. Tishelman, Acting
Commissioner of Finance of The City of New York, to me known to
be the individual described in and who executed the foregoing
instrument and acknowledged that he executed the same.



HYMAN WEBER
Notary Public, State of New York
No. 41-556005
Qualified in Queens County
Commission Expires March 30, 1978

ST 4375
 COUNTY
 NEW YORK
 APR 2 1977
 REAL
 EXEMPT
 NO CHANGE

398 PAGE 678

Index No. Year 19.....

HARRY S. TISHELMAN, Active
 Commissioner of Finance
 of The City of New York,

- to -

Grantor,

CITY OF NEW YORK,
 the Grantee.

D3RD
 (Pursuant to Section D17-12.0
 of the Administrative Code.)

The parcels of real estate
 affected by the within Instru-
 ment are set forth therein by
 Section, Block and Lot number
 as the same appear on the Tax
 Map of The City of New York
 for the Borough of Manhattan.

Not a

City Hall
17th 1973
 RECORD & RETURN TO
 W. BERNARD RICH AND
 CORPORATION COUNSEL
 MUNICIPAL BUILDING
 NEW YORK, N.Y. 10007

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NEW YORK COUNTY
 DEPT. OF RECORDS & ADMINISTRATION
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Matthew L. Wray
 CITY REGISTER

847

Phase I Environmental Site Assessment
Block 1617, Lot 20, East Harlem, NY

APPENDIX I

Site Photographs



Photograph 1: View of western portion of Site



Photograph 2: View of Site, facing eastward



Photograph 3: View of northwestern portion of Site



Photograph 4: View of adjacent property located to the southeast



Photograph 5: View of adjacent property located to the southwest



Photograph 6: View of adjacent property located to the northwest



Photograph 7: View of community garden located in southwestern portion of Site



Photograph 8: View of community garden structure located on eastern portion of Site



Photograph 9: Monitoring well located within ball field, installed by others



Photograph 10: Drum located within the community garden, representative of bulk of drums on-Site



Photograph 11: View of community garden located in northeastern portion of Site



Photograph 12: View of community garden located in northwestern portion of Site

APPENDIX J

User Provided Information



GEOTECHNICAL | CONSTRUCTION | ENVIRONMENTAL
ENGINEERS and SCIENTISTS

GEOTECHNICAL EVALUATION REPORT

PROPOSED MULTI-USE COMPLEX SENDERO VERDE NEW YORK, NEW YORK

Prepared for:

SV Managers A LLC, SV-A Owners LLC, SV-B Owners LLC, and SV-C Owners, LLC
551 Fifth Avenue, 23rd Floor, New York, New York
1865 Palmer Avenue, Larchmont, New York

Prepared By:

GeoDesign, Inc.
241 West 30th Street, 5th Floor
New York, NY 10001

GeoDesign File No. 0518-023
March 2018





GEOTECHNICAL | CONSTRUCTION | ENVIRONMENTAL
ENGINEERS and SCIENTISTS

March 9, 2018
File No. 0518-023

Jessica Yoon
SV Managers A LLC, SV-A Owners LLC, SV-B Owners LLC, and SV-C Owners, LLC
551 Fifth Avenue, 23rd Floor, New York, New York
1865 Palmer Avenue, Larchmont, New York

**Re: Geotechnical Evaluation Report
Sendero Verde, New York, New York**

Dear Ms. Yoon:

GeoDesign, Inc. P.C. (GeoDesign) is pleased to submit this final geotechnical evaluation report for the referenced project site.

We appreciate the opportunity to work with you. Please contact us if you have any questions or need additional information.

Sincerely,

GeoDesign, Inc. P.C.

A handwritten signature in black ink, appearing to read "Thomas G. Thomann", is written over a light gray rectangular background.

Thomas G. Thomann, PhD, P.E.
Senior Principal



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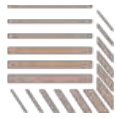


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Figure 2 – As-Drilled Boring Location Plan

Figure 3 – Generalized Subsurface Profile

Figure 4 – Code Based Soil Liquefaction Potential

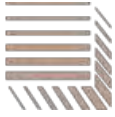
Figure 5 – Site Specific Liquefaction Evaluation

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Appendix A – Test Boring Logs

Appendix B – Laboratory Test Results

Appendix C – In-Situ Shear Wave Velocity Testing Report



1.0 INTRODUCTION AND OBJECTIVES

1.1 GENERAL

This report provides geotechnical recommendations for the design and construction of a proposed mixed residential, community facility, commercial, and garden development for the Sendero Verde project located in Manhattan, New York (see Figure 1). Authorization to proceed was obtained in the form of an agreement between SV Managers A LLC, SV-A Owners LLC, SV-B Owners LLC, and SV-C Owners, LLC and GeoDesign, dated December 22, 2017.

The geotechnical evaluations and recommendations presented herein are in general accordance with the 2014 NYC Building Code (Code).

1.2 SITE CONDITIONS AND PROJECT UNDERSTANDING

The project site encompasses the majority of the city block bounded by East 112th Street to the north, East 111th Street to the south, Park Avenue to the East, and Madison Avenue to the west. The proposed development site includes all lots on Block 1617, except for Lots 21 and 34. At the time that this report was prepared, the site was primarily occupied by a baseball field and community gardens.

The development will include a 36 story building (Building A) along Madison Avenue, a 14 story building (Building B) along East 112th Street, and a 9 story building (Building C) along East 111th Street. There will be a raised interior courtyard that will be built over community facility space in Building B. Four community gardens will be incorporated into the project.

The development site has a total area of approximately 76,580 square feet. Building A has a footprint area of approximately 9,860 square feet, Building B has a footprint of approximately 23,750 square feet, and Building C has a footprint of approximately 9,850 square feet. The remaining areas are to be used for the courtyard and gardens.

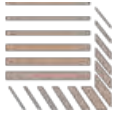
A survey performed by Montrose Surveying Co., LLP on February 2nd, 2017 shows that top of sidewalk elevations vary from approximately +13 to +19 feet¹ across the site.

1.3 OBJECTIVES AND SCOPE OF SERVICES

The objectives of this investigation were to evaluate the subsurface conditions at the site and provide geotechnical recommendations for the design and construction of the proposed building. The following scope of services was performed to achieve these objectives:

1. Retained a subcontractor to drill the test borings;
2. Provided full-time special inspection of the test boring operations;

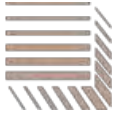
¹ All elevations in this report are referenced to NAVD88.



3. Performed engineering evaluations and prepared this geotechnical evaluation report that includes the following:
 - i. An Introductory Section presenting the project background information and the scope of services;
 - ii. A Subsurface Conditions section that includes the following:
 - A description of the test boring and laboratory testing procedures and results;
 - A plan showing the location of the as-drilled test borings;
 - A description of the subsurface conditions;
 - iii. A Design Recommendations section that includes the following:
 - Recommended foundation type, estimated capacity, and bearing elevation;
 - Seismic site classification and liquefaction potential;
 - Lateral soil and groundwater pressures on below-grade walls;
 - Permanent groundwater control measures;
 - Support of the cellar slab;
 - iv. A Construction Recommendations section that includes the following:
 - Subgrade preparation recommendations;
 - Support of excavation and underpinning considerations;
 - Temporary groundwater control considerations, if necessary;
 - Backfill and compaction control recommendations;
 - Protection of adjacent structures;
 - Construction inspection and monitoring considerations.
 - v. Summary and Conclusions
 - vi. Appendices that include test boring and laboratory test results.

1.4 REPORT ORGANIZATION

This report is divided into five sections. Section 1 presents an introduction and the objectives of the study. Section 2 includes a description of the subsurface investigation methods and results. Section 3 provides engineering evaluation results and the foundation design and construction recommendations. A summary and conclusions are included in Section 5. Limitations of the subsurface explorations, analyses, and recommendations are included in Section 6. Tables and Figures are provided at the end of the text.



2.0 SUBSURFACE CONDITIONS

2.1 GENERAL

The subsurface investigation included a laboratory investigation and a field investigation, which included test borings, groundwater observation wells, and geophysical testing. Details of the subsurface investigation and the conditions encountered are described in the following sections.

2.2 SUBSURFACE INVESTIGATION

2.2.1 Test Borings

The test borings were performed in two phases. Phase 1 included 11 test borings that were performed within the baseball field. Phase 2 included four borings performed on the surrounding sidewalk and two borings performed within the community gardens and within the footprint of Building A. In total, 17 test borings were completed between August 8, 2017 and February 22, 2018.

The borings were performed by Craig Geotechnical Drilling (Craig) of Mays Landing, NJ, using a diesel operated truck-mounted CME 75 drill rig and a track-mounted CME 55 drill rig. Continuous special inspection of the test borings was performed by GeoDesign personnel under the direction of Mr. Thomas Thomann, PE of GeoDesign.

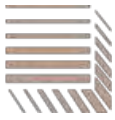
The boreholes were advanced using mud rotary drilling techniques with a 2-7/8 inch diameter tri-cone roller bit and 4-inch diameter flush joint casing. Soil samples were obtained using techniques and equipment in general accordance with the American Society for Testing and Materials (ASTM) Standard Specification D1586-Standard Penetration Test (SPT). The SPT consists of driving a 2 inch O.D. split spoon sampler for a distance of 24 inches, with repeated blows of a 140 lb. hammer free falling a distance of 30 inches. The standard penetration, or N-value, is determined as the number of blows required to advance the sampler 12 inches after the initial 6 inches of penetration. The recovered split-spoon samples were placed in jars, labeled with the project name and number, boring number, sample, depth, SPT blow counts and the amount of recovery.

Rock coring was performed using a five-foot long NX (2-1/8 in. O.D.) core barrel. The top of rock was estimated based on the drilling operations (e.g., excessive rig chatter, difficult penetration) and practical spoon refusal, as indicated by blow counts greater than 100 for a 6 inch interval. Rock coring was performed to verify the presence of rock, as opposed to cobbles/boulders, and to assess its relative quality, as indicated by Core Recovery² and Rock Quality Designation (RQD)³.

Upon completion of Borings B-4, B-5 and B-11, groundwater observation wells were installed. The wells were constructed of nominal 2-inch diameter Schedule 40 PVC pipe with a 10-foot

² The Core Recovery is defined as the ratio (expressed as a percent) of the total length of recovered core to the length cored.

³ The Rock Quality Designation (RQD) is defined as the ratio (expressed as a percentage) of the summation of all sound core pieces having a length of at least 4 inches to the total length of the core run.



screen between 25 and 35 feet below the existing grade, and 20 feet of riser pipe. The annulus between the pipe and the borehole wall was backfilled with filter sand and a two-foot long bentonite seal was placed above the screen. The remainder of the annulus was backfilled with sand or the drill cuttings. A flush-mount cap was installed at the top of the completed borehole.

The test boring logs are included in Appendix A.

2.2.2 Laboratory Testing

Geotechnical laboratory testing was conducted on representative soil samples to verify the field classifications and assist in engineering evaluations. The laboratory test results, which include sieve analyses, Atterberg limits, consolidation testing, and triaxial strength tests, are included in Appendix B.

2.2.3 Shear Wave Velocity Testing

The shear wave velocity is an important soil parameter for determining the seismic site classification and for seismic site response analyses. The shear wave velocity was measured with Passive Shear Wave Velocity testing (pVs). All testing was performed by Hager-Richter Geoscience, Inc of Fords, NJ on August 8, 2017.

The pVs method consists of placing low frequency geophones, at a 4 to 10 foot spacing, along a straight line and connecting them to a seismograph. Data is then recorded for 30 second periods, 10 to 15 times. The seismic data are analyzed and the shear wave velocity for the center point of the seismic line is estimated for various depths. Details of the pVs testing method and the results are included in Appendix C.

2.3 GENERALIZED SUBSURFACE CONDITIONS

The following generalized strata descriptions are based on interpretations of the subsurface investigation results (see Figure 3 for a generalized cross section):

Stratum 1 – Uncontrolled Fill [7]: This stratum generally consisted of brown and gray medium to fine sand with varying amounts of silt and gravel, and miscellaneous fill material, including brick and concrete. The N-values ranged from 2 blows per foot (bpf) to spoon refusal, with an average N-value of 23, indicative of a medium dense material. The thickness of this stratum is estimated to range from 10 to 15 feet.

Stratum 2 – Upper Sand and Silt [3b, 5b, 6]: This stratum generally consisted of brown medium to fine sand and silt with varying amounts of gravel. The N-values ranged from 9 to 44 bpf with an average N-value of 22, indicative of a medium dense material. The thickness of this stratum is estimated to be approximately 25 feet.

Stratum 3 – Varved Silt and Clay [5b, 4b]: This stratum generally consisted of gray-brown varved silt and clay and little to trace amount of fine sand. The N-values ranged from 6 to 47 bpf with an average N-value of 17, indicative of a medium dense material. The thickness of this stratum is approximately 40 feet.



Stratum 4 – Lower Sand and Silt [3a, 2a]: This stratum generally consisted of gray-brown coarse to fine sand and silt, with varying amounts of gravel. The N-values ranged from 13 bpf to spoon refusal, indicative of a very dense material. The thickness of this stratum is approximately 20 feet.

Stratum 5 – Soft rock [1d]: This stratum consisted of grey coarse to fine grained schist and other multi-colored rock that was highly weathered and highly fractured with near vertical fractures. Borings B-7, B-9 and B-11 were terminated within this stratum. The Core Recovery ranged from 7% to 37% and the RQD ranged from 0 to 23%, indicating soft rock. The thickness of this stratum varied from approximately 3 to at least 18 feet.

Stratum 6 – Intermediate to Hard Sound Rock [1c - 1a]: This stratum consisted of grey coarse to fine grained schist that was moderately fractured, slightly weathered. The Core Recovery ranged from 67% to 100% and the RQD ranged from 43% to 92%, indicating intermediate to hard sound rock. The depth to the top of this stratum varies from 75 to more than 120 feet below the existing grade, which corresponds to approximately el. -60 feet to lower than el. -105 feet.

2.4 GROUNDWATER LEVELS

Groundwater observation wells were installed in borings B-11, B-4 and B-5 on August 9, August 14 and August 16, respectively. The bottom of the screen was placed at 30 feet below the existing grade. Groundwater was measured between approximately 12 to 13 feet below existing grade (i.e., approximately el. +3 to +4 feet).

Groundwater measurements were not taken over an extended period of time; therefore, the measurements do not adequately reflect seasonal or other time dependent variations that may occur. See the limitations in Section 5.



3.0 – ANALYSES AND RECOMMENDATIONS

3.1 GENERAL

This section presents engineering analyses, evaluations, and recommendations related to the design and construction of the foundations and below grade structures. The evaluations and recommendations are based on the available subsurface information, our experience on other projects, and the design requirements provided herein for the proposed structure.

3.2 FOUNDATION DESIGN

3.2.1 Seismic Recommendations

Based on the soil profile, the shear wave velocity data, and the laboratory test results, the recommended seismic site classification is Site Class “D”. In accordance with the Code, if the building is in Risk Category I&II or III, the Seismic Design Category is “B”. The appropriate Risk Category should be determined by the Architect or Structural Engineer.

The Code requires that a liquefaction potential assessment be performed for non-cohesive soils located below the groundwater and to a maximum depth of 50 feet. The liquefaction potential was initially evaluated using the Code based liquefaction assessment diagram, which, as shown in Figure 4, indicates that a liquefaction evaluation is required.

A site-specific liquefaction analysis was performed using the methods developed by I.M. Idriss and R. W. Boulanger (2004). These analyses require a peak ground surface acceleration and an earthquake magnitude to estimate the seismic shear stresses. Based on Site Class D, the Code specified peak ground surface acceleration for liquefaction evaluation is 0.24g. An earthquake magnitude of 5.5 is used in the analyses and is primarily based on historical earthquake information in the northeast. The Code specifies that, for Risk Category II/III buildings, the minimum acceptable factor of safety against liquefaction is 1.0. The majority of the factors of safety, as shown in Figure 5, are greater than 1.0. Therefore, assuming the proposed building is in Risk Category II/III, liquefaction is considered unlikely and does not need to be considered in the design.

3.2.2 Foundation Recommendations

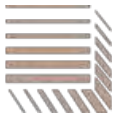
3.2.2.1 Columns and Walls

Building A

The following preliminary building loads have been provided to GeoDesign for the purpose of preparing foundation recommendations:

- Column gravity loads – 2000 kips to 3500 kips
- Shear wall gravity loads - 150 kips/ft to 250 kips/ft.
- Wind loads at the shear walls - +/-300 kips/ft to +/-450 kips/ft.

Considering these loads and the subsurface conditions, we recommend that this building be founded on driven and drilled piles.



The vibrations from driving piles could result in unacceptable settlement and/or damage to adjacent structures. The distance at which vibrations will become a concern depends on many factors. On some projects, we recommend that driven piles be allowed when they are located 20 feet, or more, from any adjacent structure. This distance is based on established vibration estimates with distance, vibration damage criteria, and experience on other projects. The distance is adjusted, if necessary, based on vibration measurements performed during the driving of test piles.

The following paragraphs provide recommendations for driven and drilled piles.

Driven Piles

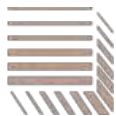
We recommend the following driven pile types and capacities:

Pile Type	Pile Size	Maximum Allowable Compression Capacity (tons)	Maximum Allowable Tension Capacity (tons)	Minimum Pile Length (feet)	Minimum Center-to-Center Pile Spacing (feet)	Minimum Steel Strength (ksi)
H-pile	HP 12x63	150	30	55	2.5	50
Open-ended steel pipe pile	13-3/8" OD, thickness = 0.48"	150	30	55	2.5	45

The piles will likely need to be driven to rock to obtain the 150 ton capacity. However, if Stratum 4 and/or 5 are thick enough to provide the necessary resistance to meet the capacity, the piles can be founded within these strata.

Drilled Piles

Drilled piles can obtain their capacity in suitable soil (referred to as micropiles) or bedrock (referred to as caissons). If rock is at a reasonable depth, caissons are more cost effective because they have much higher capacities than micropiles and they do not require load testing. Caisson installation consists of drilling a steel casing to the rock and drilling a rock socket in Class 1c rock or better, installing reinforcement, and placing cement grout or concrete. At locations where driven piles are not acceptable, we recommend that caissons be installed.



The following caisson sizes and capacities can be used for design:

Maximum Allowable Compression Capacity (tons)	Steel Casing Outside Diameter & Thickness (in.)	Number and Size of Reinforcing Bars	Maximum Allowable Tension Capacity (tons)	Minimum Center-to-Center Spacing (feet)	Minimum Rock Socket Diameter (in.)	Minimum Rock Socket Length (feet)
150	9-5/8 (0.480)	1 - #20	100	2.5	8.0	10.0
880	13-3/8 (0.480)	2 - #28	300	2.5	12.0	10.0
1260	16 (0.5)	3 - #28	450	3.0	14.0	12.0

Caisson notes:

1. The casing should have a minimum yield strength of 50 ksi.
2. The rock socket should be formed in Class 1c rock or better.
3. The casing should extend a minimum of 1 foot into Class 1c rock or better.
4. The reinforcing bars should have a minimum yield strength of 75 ksi.
5. The cement grout / concrete should have a minimum compression strength of 6 ksi.
6. The reinforcing steel shall extend the full length of the caisson, including the rock socket, unless indicated otherwise.

Typically, the most cost effective caisson size is the one that results in the least number of caissons, which is typically the size with the highest capacity. However, installation of 16-inch diameter caissons requires a larger drilling rig than is required to install 13-3/8 inch diameter caissons. Many smaller drilling companies do not have the equipment to install caissons larger than 13-3/8 inches. Considering this, if the building will include all caissons, we recommend that the structural engineer estimate the total number of each caisson size that would be required. This will likely result in obtaining cost estimates from more drilling contractors.

Building B

The geotechnical feasibility of a mat foundation for this building was evaluated. The additional loads from a mat foundation bearing above the varved silt and clay stratum will result in settlement of this stratum.

Based on an approximately 300' x 80' mat foundation bearing on Stratum 2 with a uniform bearing stress of 3 tons per square foot (tsf), the long term differential settlement is estimated to be approximately 1.5 inches. The long term total settlement is estimated to be approximately 3 inches at the center of the mat and 1.5 inches at the edges.

The mat structural analysis will require a subgrade reaction modulus. We recommend using an initial subgrade reaction modulus of 40 pci. The structural engineers' plots of estimated mat stresses and settlements should be provided to us for review and possible adjustment of the subgrade reaction modulus.



If it is determined that a mat foundation is not structurally feasible, we recommend that the building be supported on piles. The pile sizes and capacities given for Building A can be used for Building B foundation design.

Building C

We understand that this building will not have a cellar level. Assuming that the foundation depth may be approximately five feet, the soil at the foundation bearing elevation will include uncontrolled fill (Stratum 1). Since this material is likely to consist of significant construction debris at this depth, we do not recommend that the foundation be founded on a shallow (spread or mat) foundation. We recommend that the building be supported on piles. The pile sizes and capacities given for Building A can be used for the Building C foundation design.

If a cellar level is installed in this building, the geotechnical feasibility of a mat foundation bearing on Stratum 2 was evaluated. Based on an approximately 160' x 60' mat foundation with a uniform bearing stress of 2.5 tons per square foot, the long term differential settlement is estimated to be approximately 1.5 inches. The long term total settlement is estimated to be approximately 2.5 inches at the center of the mat and 1 inch at the edges.

We recommend using an initial subgrade reaction modulus of 40 pci. The structural engineers' plots of estimated mat stresses and settlements should be provided to us for review and possible adjustment of the subgrade reaction modulus. If it is determined that a mat foundation is not structurally feasible, we recommend that the building be supported on piles.

3.2.2.2 Cellar Slab

The cellar slabs can be designed as a slab-on-grade. The subgrade material at the proposed cellar level will likely be sand (i.e. Stratum 2), which will require proper preparation, as described in Section 3.3.5, to reduce the potential for slab cracking. If the slab is below the design groundwater elevation, it will need to be designed to resist the hydrostatic pressure.

3.2.3 Lateral Earth Pressures

The design lateral pressures for permanent below grade walls consist of static and seismic pressures that are influenced by the thickness and type of overburden material, and wall bracing conditions. We recommend that the below grade walls above and below the design groundwater level be designed for an equivalent hydrostatic pressure (i.e., a triangular lateral pressure) of 45 pcf and 85 pcf, respectively.

In addition, a seismic lateral soil force of $6H^2$ (lb/ft. of wall), where H is the total vertical height of the wall, in feet, should be included. This force should be applied at a distance of H/3 from the top of the wall (i.e., seismic wall pressure is an inverted triangle).

The recommended lateral pressures do not include any surcharge loads adjacent to the walls or at the ground surface. We recommend that a uniform (i.e., rectangular) lateral pressure distribution of 0.40 times the design surcharge be added to the lateral soil pressure distribution.



The structural engineer should determine the magnitude of the design surcharge loads (i.e., live loads).

3.2.4 Permanent Groundwater Control

The groundwater measurements were not taken over an extended period of time; therefore, they do not reflect potential seasonal, or other time dependent variations. We recommend a design groundwater elevation of +7 feet.

If the bottom of any slabs, elevator pits, ejector pits, etc., will be above the design groundwater elevation, the below grade walls and the slabs should, at a minimum, be damproofed. Damproofing should be performed at the bottom of the slab by installing a membrane, such as Grace Construction Products Florprufe, or approved equal. Damproofing of the below grade walls should be performed with a liquid applied membrane (LAM), such as Grace Construction Products Procor, or approved equal, for 2-sided forms, or a membrane, such as Grace Construction Products Preprufe, or approved equal, for blind-sided forms.

If the bottom of any slabs, elevator pits, ejector pits, etc., will be below the design groundwater elevation, the below grade walls and slab should be designed to resist groundwater pressures and be waterproofed. Waterproofing materials should be installed on the outside of the perimeter walls (Grace Construction Products Bituthene 3000 for two-sided form applications and Preprufe 160R for blind side applications, or approved equivalent) and directly beneath the cellar floor slab (Grace Construction Products Preprufe 300R, or equivalent). The waterproofing on the perimeter walls is typically installed to the ground surface. Waterstops should be installed at applicable locations.

The installation of all waterproofing elements should be inspected on a full time basis to confirm that the waterproofing is being applied as per the manufacturer's specifications and details.

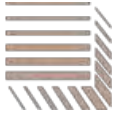
If the bottom of the cellar slab is below the design groundwater elevation, we recommend that the project team consider the benefits of a "sandwich" slab, which consists of the pressure slab, a gravel filled layer with perforated pipes connected to a sump pit, and a wearing slab. This system minimizes penetrations through the pressure slab and provides a way to manage water that may leak from the pressure slab or at connections between the pressure slab and the foundation walls or other critical locations.

3.3 CONSTRUCTION

3.3.1 Excavation Considerations

The design and construction of any slopes and/or temporary excavation support systems should be the responsibility of a licensed New York Professional Engineer. All excavations and temporary support systems should conform to pertinent OSHA and local safety regulations.

Local temporary soil excavations above the natural groundwater level can have cut slopes as steep as 1H:1V (horizontal to vertical). Temporary soil excavations below the natural groundwater level should be no steeper than 2H:1V. The slopes of any excavations adjacent



to the existing structures should be no steeper than 2H:1V, unless approved by the SOE engineer.

All vertical soil faces will require temporary support until the new cellar walls and foundations are constructed and the area is properly backfilled. A typical support system could consist of soldier piles and timber lagging with sufficient lateral restraint (e.g., anchors, rakers, bracing, etc.), as required. Design of the lateral bracing must also consider the protection of surrounding subsurface utilities and other adjacent improvements.

3.3.2 Adjacent Building Support

Underpinning, or other support (e.g., relatively stiff support walls, such as secant or tangent pile walls), will be required at locations where the new foundations will be placed within the influence zone of the adjacent building foundations.

An existing 4 story building (1679 Madison Avenue) is located on the west property line of the project site. Information regarding the nature and extent of any cellar level has not been provided to us. We recommend that a site visit be performed to document the extent and depth of any cellar levels and any other features (e.g., elevator pits, ejector pits, etc.) that may affect the design and construction of the proposed building foundation. After performing the site visit, we recommend performing test pits to document the size, depth, type and condition of the adjacent buildings, and any below grade encroachments that may be present. This information should then be used to develop the SOE and adjacent building support drawings.

The analysis and design of any underpinning or other building support systems should be performed by a licensed New York Professional Engineer. Adjacent building support operations should be inspected full time during construction by a qualified engineer working under the direction of the design engineer.

3.3.3 Temporary Groundwater Control

The groundwater level should be maintained sufficiently below the bottom of the excavation so that the pile caps can be adequately prepared. The need for temporary groundwater control will depend on the groundwater level at the time of construction and the depth of the final cellar slab, elevator pits, ejector pits, etc.

Based on a top of cellar slab elevation of approximately +5.5 feet and a slab thickness and pile cap depth of approximately 5 feet, the excavation will be as deep as approximately +0.5 feet. Considering that groundwater was measured at el. +7 feet, it should be anticipated that temporary dewatering will be required.

A NYCDEP permit will be required to temporarily discharge water into the sewer system.

3.3.4 Caissons

Caisson installation should be performed by a contractor with experience on similar projects. The contractor should submit a construction procedure to the Engineer for review and approval prior to beginning the work. It is the responsibility of the contractor to use an installation method that will not cause damage to adjacent structures.



The use of down-the-hole hammers, or similar equipment, to advance the casing, or drill the rock socket, may cause damage to adjacent structures if the compressed air cannot be contained within the casing. Control of the air will depend on the drillers' equipment, procedures, and experience. The use of down-the-hole hammers, or similar equipment, should not be allowed to advance the casing without discussing the proposed procedures in advance, with the owner, engineer, construction manager, special inspector, and contractor.

As per the Code requirements, all aspects of the caisson installation should be inspected on a full time basis. This generally includes full time inspection of the casing installation, drilling of the rock socket, cleaning of the caisson, video camera inspection, installation of the reinforcement, and the placement of cement grout or concrete. The Code requires that each rock socket be inspected with a downhole video camera to confirm that the casing is well seated in the rock and that the rock socket consists of Class 1c, or better, rock.

Caisson compression load tests are not required if the allowable bond strength between the rock and grout is limited to a maximum of 200 psi. The caisson design parameters given in this report use an allowable bond strength of 200 psi.

3.3.5 Driven Piles

Prior to driving any piles, the contractor should submit the results of Wave Equation Analyses (WEAP) of the proposed pile and hammer configuration to confirm that the proposed pile driving system will obtain the necessary pile capacity without overstressing the pile.

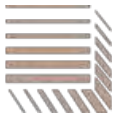
We recommend that a hydraulic pile driving hammer be used because the stroke of the hammer can be varied thereby having some control over the vibrations. It may be possible to reduce the stroke at the beginning of pile driving to minimize the vibrations and when the pile is at a depth where vibrations are acceptable or the pile is close to the rock, the stroke can be increased to achieve the proper driving criteria.

We recommend that a minimum of six driven test piles be installed and that all driven test piles be monitored using a Pile Driving Analyzer (PDA). A PDA provides real-time information regarding pile capacity and stresses during pile driving, will assist in deciding which piles to select for static load testing, and will assist in developing the pile driving criteria. The PDA testing should be included in the contractors scope and be performed by a company with sufficient PDA testing experience.

In accordance with the Code, static axial load tests are required for any driven pile with a design compression load greater than 40 tons. The code requires one load test for a pile supported area that is 5,000 sq. ft. or less and two load tests for a pile supported area between 5,000 and 30,000 sq. ft. The load tests should be performed in accordance with ASTM D1143 and the Code requirements.

3.3.6 Subgrade Preparation

Subgrade surfaces for shallow foundations and slabs-on-grade should be level and cleaned of loose soil, mud, and other material (such as concrete, brick, wood, debris, etc.) that can have a negative impact on the performance of the foundation. If necessary, the subgrade should be proof-rolled with a minimum of 6 passes of a smooth drum roller with a minimum 1,500 lb.



static weight and minimum centrifugal force of 4,000 lbs. or similar approved equipment. The proof-rolling should not be performed when the subgrade is wet, muddy, or frozen.

Any unstable areas which cannot be stabilized by additional compaction should be excavated to competent material and the area backfilled with compacted structural fill or ¾" stone.

If the foundation is constructed in the winter, the subgrade should be protected from frost to limit possible subgrade deterioration resulting from freezing and thawing cycles. Concrete should not be poured if the subgrade is wet, muddy, or frozen.

Excavations to reach final subgrades should use a smooth edged bucket and/or hand tools. A minimum 6-inch thick layer of compacted coarse aggregate, commonly known as ¾" gravel or crushed stone, or a "mud-slab" (i.e., 2 inches of lean concrete), should be placed on the approved subgrade to protect the subgrade from disturbance.

3.3.7 Backfill and Compaction Requirements

Select backfill or structural backfill should consist of granular soils free of cinder, brick, asphalt, ash, and other unsuitable materials. Such material should not contain any boulders or cobbles larger than about 4 inches across, and should have a fines content (material passing the No. 200 sieve) between 5 and 15 percent. The subgrade underneath the backfill should be properly prepared and inspected (building foundations only) prior to placement of backfill.

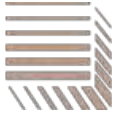
All backfill should be placed in lifts not exceeding 8-in. in loose thickness. Backfill placed beneath shallow foundations on soil should be compacted to a minimum of 95% of the maximum dry density and in-situ density tests should be performed to confirm that the required compaction level has been achieved. Backfill placed beneath slabs-on-grade, behind below-grade walls, and underneath sidewalks should be compacted to a minimum of 90% of the maximum dry density.

3.3.8 Pre-construction Condition Survey and Monitoring

A pre-construction condition survey of the adjacent structures should be performed for the protection of the new building owner in the event of a future damage claim and is required by the NYC Building Department. The report should include detailed documentation and photographs of the existing condition of the structures.

Based on the survey results, a monitoring program should be developed for the purpose of checking the performance of the adjacent structures and for monitoring construction procedures. The monitoring program should include, at a minimum, recommendations for the location of survey points to monitor vertical and horizontal movements, locations for crack gauges, and locations for monitoring vibrations during key construction activities. The monitoring program should also include threshold levels for allowable movements and vibrations, and the procedures to be implemented if the threshold levels are exceeded during construction.

Landmarked buildings located within 90 feet of the construction site will need to be monitored in accordance with the requirements given in NYC Department of Buildings TPPN#10/88.



3.3.9 Construction Monitoring

We recommend that a geotechnical engineer familiar with the subsurface conditions and foundation design criteria, review and approve the foundation contractors procedures and provide inspection services during excavation and foundation construction. Geotechnical related inspection services must include:

- Review and approval of contractor submittals related to foundation construction;
- Observation and documentation of all phases of excavation and foundation construction.
- Special inspection of caissons.
- Special inspection of driven piles.
- Special inspection of shallow foundation subgrades, if constructed.
- Special inspection of the support of excavation and adjacent building support.
- Monitoring of adjacent structures and interpretation of the monitoring data.



4.0 – SUMMARY AND CONCLUSIONS

This report provides geotechnical recommendations for the design and construction of the Sendero Verde buildings, which include a 36 story building (Building A), a 14 story building (Building B), and a 9 story building (Building C).

Based on 17 test borings performed at the site, the subsurface conditions above the bedrock, generally consist of 15 feet of sandy fill (Stratum 1), 20 to 25 feet of loose to medium dense gravel and silty sand (Stratum 2), 40 to 50 feet of varved silt and clay (Stratum 3), 20 to 30 feet of sand and silt (Stratum 4), and 3 to at least 18 feet of soft rock (Stratum 5). Intermediate hard to hard grey schist was encountered at depths varying from 75 to more than 120 feet below the existing grade, which corresponds to top of rock elevations of approximately -60 feet to lower than -105 feet.

Three groundwater observation wells were installed at the site and groundwater was measured at depths of approximately 12 to 13 feet (approximately el. +3 to +4 feet).

The recommended seismic site classification is Site Class “D”. If the Risk Category is I&II, or III, the Seismic Design Category is “B”. Liquefaction is considered unlikely for this site.

Building A Foundation - Considering the Building A structural loads and the subsurface conditions, we recommend that this building be founded on driven and drilled piles. The report includes recommendations for driven and drilled piles with allowable compression capacities of 150 tons. Caissons with much higher capacities are also included.

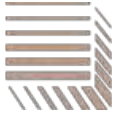
We recommend performing a site visit and test pits adjacent to the 4-story building located at 1679 Madison Avenue for the purpose of documenting the cellar depth and extent and estimating the foundation depth.

Building B Foundation - The geotechnical feasibility of a mat foundation for this building was evaluated. Based on an approximately 300' x 80' mat foundation bearing on Stratum 2 with a uniform bearing stress of 3 tsf, the long term total settlement is estimated to be approximately 3 inches at the center of the mat and 1.5 inches at the edges. We recommend using an initial subgrade reaction modulus of 40 pci. If it is determined that a mat foundation is not structurally feasible, we recommend that the building be supported on piles.

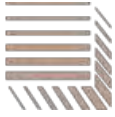
Building C Foundation - This building will not have a cellar level. Since the subgrade material at the foundation level is likely to consist of significant construction debris, we do not recommend that the foundation be founded on a spread or mat foundation. We recommend that the building be supported on piles.

The recommended design groundwater elevation is +7 feet. If the bottom of any slabs, pits, etc. will be above the design groundwater elevation, the below grade walls and the slabs should, at a minimum, be damproofed. If the bottom of any slabs, pits, etc., will be below the design groundwater elevation, the below grade walls and slab should be designed to resist groundwater pressures and be waterproofed.

The report includes additional information regarding the subsurface conditions and foundation design recommendations and additional recommendations regarding excavation considerations,



adjacent building support, subgrade preparation, temporary groundwater control, caisson inspection, driven pile inspection, backfill and compaction requirements, pre-construction condition surveys and monitoring, and construction inspection and monitoring.



5.0 – LIMITATIONS

Explorations

1. The analysis and recommendations submitted in this report are based in part upon the data obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until construction. If variations then appear evident, it will be necessary to reevaluate the recommendations of this report.
2. The generalized soil profile described in the text is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized and have been developed by interpretations of widely spaced explorations and samples; actual soil transitions are probably more erratic. For specific information, refer to the boring logs.
3. Water level readings have been made in the drill holes at times and under conditions stated on the logs. These data have been reviewed and interpretations made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, temperature and other factors occurring since the time measurements were made.

Review

4. In the event that any changes in the nature, design, or location of the proposed structures are planned, the conclusions and recommendations contained in this report shall not be considered valid unless the changes are reviewed and conclusions of this report modified or verified in writing by GeoDesign. It is recommended that this firm be provided the opportunity for a general review of final design and specifications in order that earthwork and foundation recommendations may be properly interpreted and implemented in the design and specifications.

Construction

5. It is recommended that this firm be retained to provide soil engineering services during construction of the excavation and foundation phases of the work. This is to observe compliance with the design concepts, specifications, and recommendations and to allow design changes in the event that subsurface conditions differ from those anticipated prior to start of construction.

Uses of Report

6. This report has been prepared for the exclusive use of SV Managers A LLC, SV-A Owners LLC, SV-B Owners LLC, and SV-C Owners, LLC for specific application to the proposed Sendero Verde project site, in accordance with generally accepted soil and foundation engineering practices. No other warranty, express or implied, is made.

FIGURES

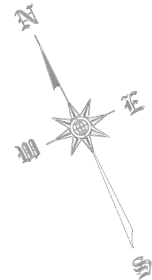


NEW YORK, NEW YORK

DR. BY: AJS	SCALE: NTS	PROJ: 0518-023
	DATE: 8/28/2017	FIG NO: 1

M:\CL\0518-L&M\023-SenderoVerde\Report\Figure 1.xlsx

M:\CL\0518-L&M\023-SenderoVerde\Drawings\BoringLocationPlan\Sendero_Verde_BLP_AsDrilled.dwg Robert Hoffmann 3/2/2018 9:55 AM GD-STD_3.0.ctb



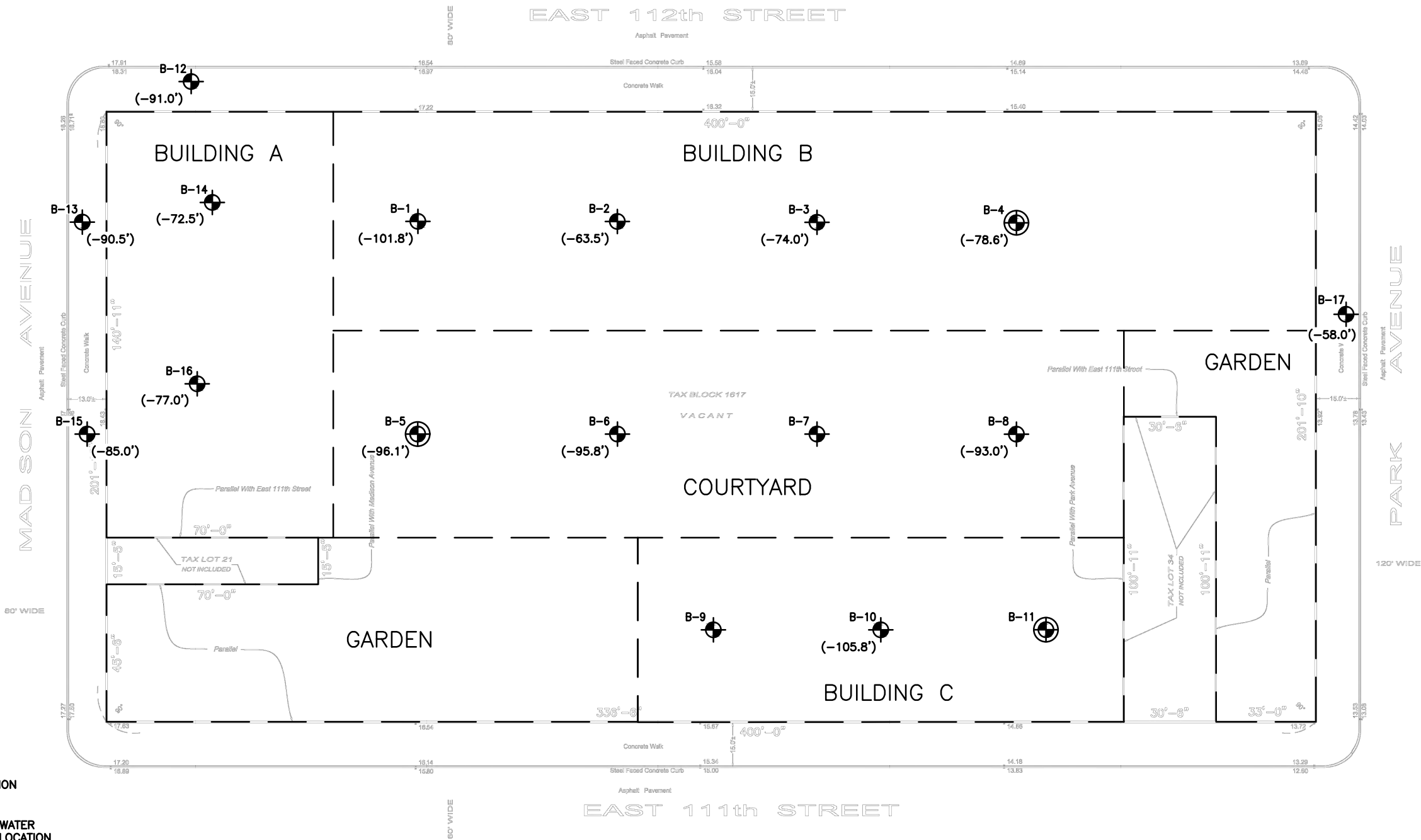
LEGEND

- B-2

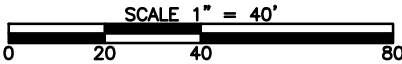
TEST BORING NO. & LOCATION
- B-4

TEST BORING WITH GROUNDWATER
OBSERVATION WELL NO. & LOCATION
- (-78.6")

ESTIMATED NY CLASS 1C/1B BEDROCK
ELEVATIONS (NAVD88)



DESIGNED BY						
TGT						
DRAWN BY						
AJS						
CHECKED BY						
TGT						
APPROVED BY						
TGT						
REVISIONS						
	NO.	DATE		DRWN	CHKD	APPVD



L&M DEVELOPMENT PARTNERS, INC
419 PARK AVE SOUTH, 18TH FLOOR
NEW YORK, NY 10016

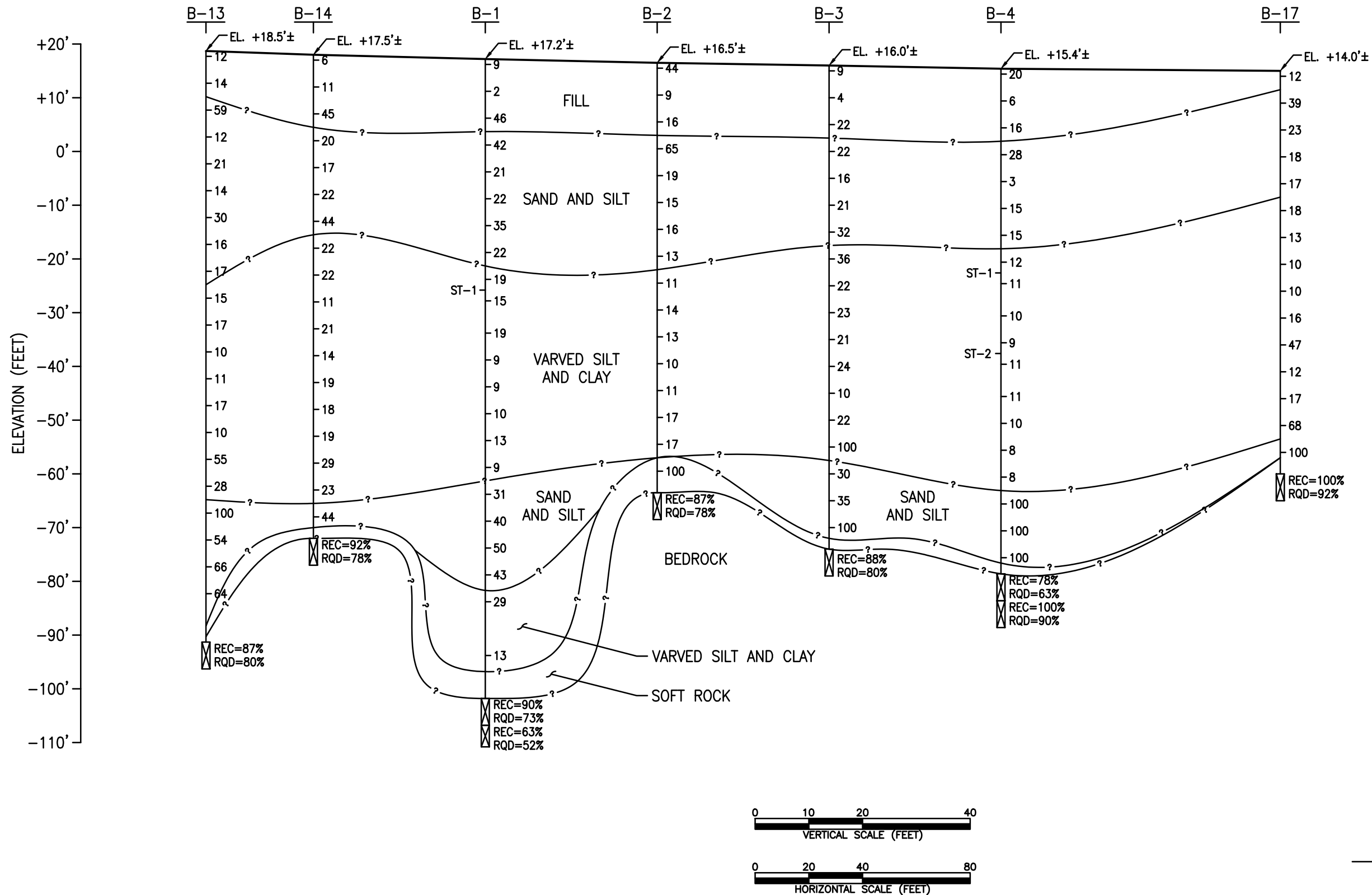
GEODESIGN
INCORPORATED

Geotechnical | Construction | Environmental
Engineers and Scientists

60 PARK PLACE, SUITE 302 • NEWARK, NJ 07102
TELEPHONE: 973.803.4515
www.geodesign.net

PROJECT	SENDERO VERDE NEW YORK, NY		PROJECT NO.	0518-023.00
			SCALE	DATE
		1"=40'		03/02/2018
DWG. TITLE	AS-DRILLED BORING LOCATION PLAN		FIG. NO.	2

M:\CL\0518-L&M\023-SenderoVerde\Drawings\SenderoVerde_SubsurfaceProfile.dwg Robert Hoffmann 3/5/2018 12:33 PM GD-STD_3.0.ctb

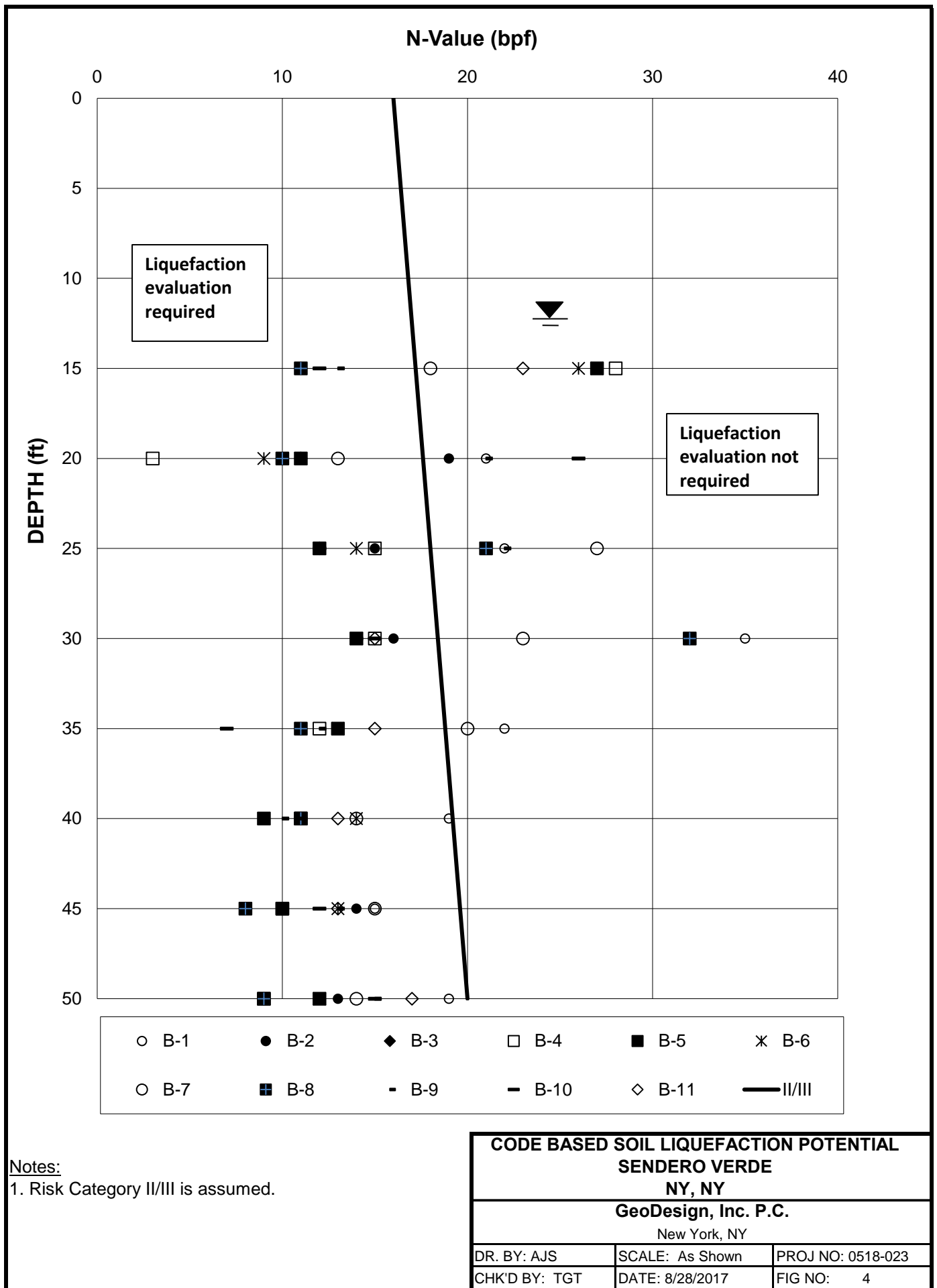


DESIGNED BY	TGT					
DRAWN BY	AJS/RH					
CHECKED BY	TGT					
APPROVED BY	TGT					
		NO.	DATE	DRWN	CHKD	APPVD
		REVISIONS				

L+M DEVELOPMENT PARTNERS, INC.
419 PARK AVE SOUTH, 18TH FLOOR
NEW YORK, NY 10016

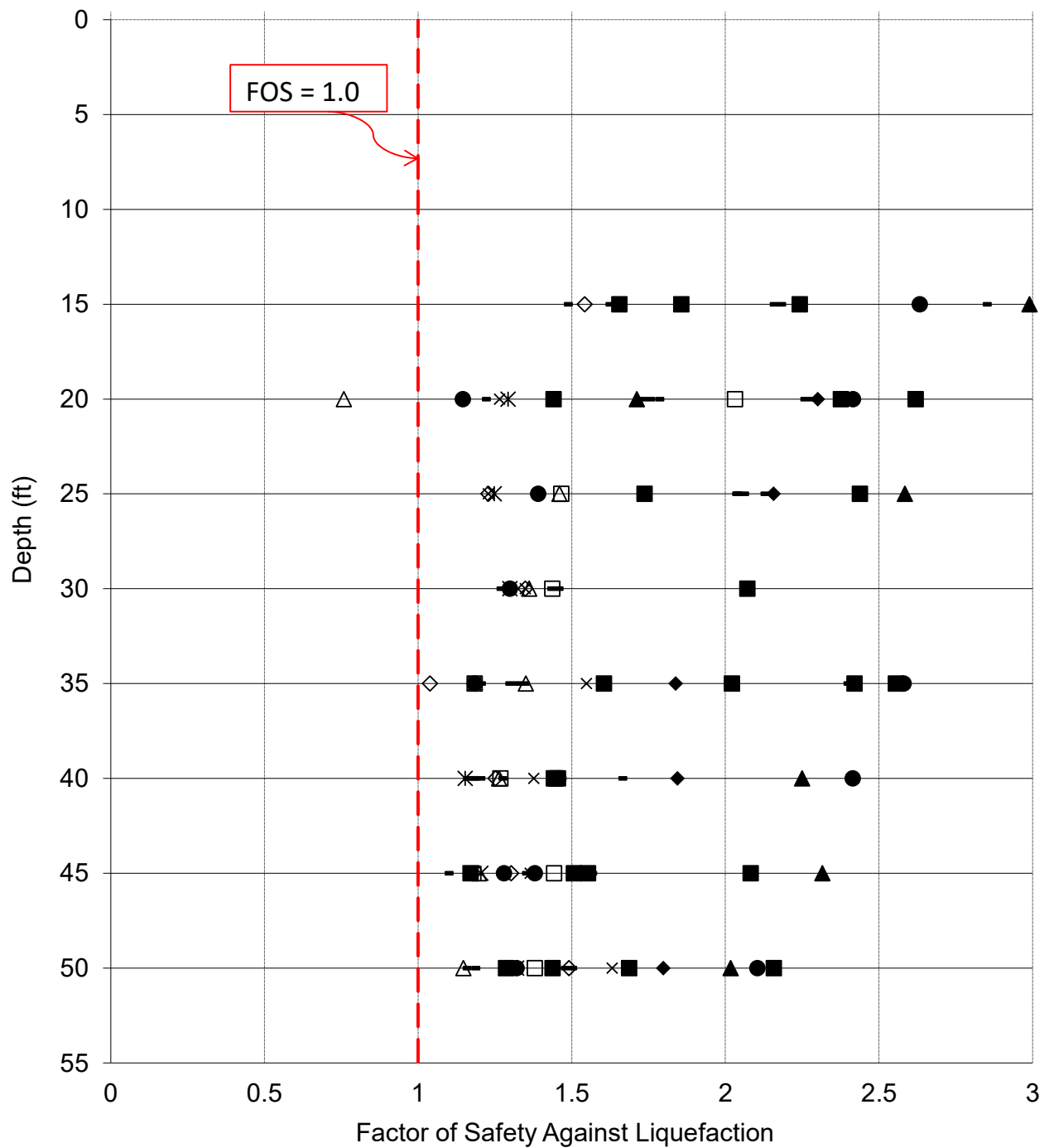


PROJECT	SENDERO VERDE NEW YORK, NY	PROJECT NO.	0518-023.00
DWG. TITLE	GENERALIZED SUBSURFACE PROFILE	SCALE	DATE AS SHOWN MARCH 2018
		DRAWING NO.	3
		SHEET	1 OF 1



Notes:

1. Risk Category II/III is assumed.



Factors of safety greater than 3 are not shown for clarity reasons.

**SOIL LIQUEFACTION POTENTIAL
SITE SPECIFIC ANALYSES
SENDERO VERDE, MANHATTAN, NY**

GEODESIGN
INCORPORATED P.C.

NEW YORK, NY

DR. BY: AJS/RVH

SCALE: AS SHOWN

PROJ: 0518-023

CHK'D BY: TGT

DATE: 3/4/18

FIG NO: 5

APPENDIX A

TEST BORING LOGS



D/B/A GeoDesign, Inc. P.C.
Geotechnical | Construction | Environmental
Engineers and Scientists

241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
Fax: 212.221.6799

BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-1**


Page No.: **1 of 5**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 10, 2017 Date Finished: August 11, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 17.2
Station: _____ Offset: _____ ft

Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME 75</u>					
Hammer Type: <u>Safety - Cathead</u>					

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description		
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)	
							0 - 6	6 - 12	12 - 18	18 - 24						
		1	SS	24	9	0.0	5	6	3	4				Fill		[FILL] Light brown fine SAND and SILT, trace Brick Fragments (7)
5																
		2	SS	24	1	5.0	3	1	1	2						[FILL] COBBLES, brick fragments noticed in drill cuttings (7)
10																
		3	SS	24	13	10.0	8	11	35	20						[FILL] Brown medium to fine SAND, some Brick Fragments (7)
														13.5	Gravel	3.7%
15																
		4	SS	24	10	15.0	32	24	18	8						[GP] Grayish-brown and dark gray coarse GRAVEL, trace Sand (2a)
														18.5	Sand	-1.3%
20																
		5	SS	24	6	20.0	17	11	10	8						[SM] Brown fine SAND, some Silt, trace Gravel (3b)
														23.5	Silt	-6.3%
25																
		6	SS	24	15	25.0	11	9	13	11						[ML] Reddish-brown SILT, little Sand (5b)
30																

Remarks: Fill/coarse gravel ended at approximately 20'

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-1**



Geotechnical | Construction | Environmental
Engineers and Scientists

241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
Fax: 212.221.6799

Boring Company:	<u>Craig Geotechnical Drilling, Co.</u>		
Foreman:	<u>Dave Dolan</u>		
GeoDesign Rep.:	<u>Andrew Stauble</u>		
Date Started:	<u>August 10, 2017</u>	Date Finished:	<u>August 11, 2017</u>
N. Coordinate:	<u> </u>	E. Coordinate:	<u> </u>
Ground Surface Elevation (feet):	<u> 17.2 </u>		
Station:	Offset:	ft	

BORING LOG

Boring No.: **B-1**

Project Name

Page No.: 2 of 5

File No.: 0518-023

Checked By: _____

Sendero Verde
69 East 111th Street
Manhattan, NY

<u>Casing:</u>		<u>Sampler:</u>	Groundwater Observations			
Type:	FJ	SS	Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	▼			
Hammer Fall:	30 in.	30 in.	▼			
Rig Type:	CME 75		▼			
Hammer Type:	Safety - Cathead		▼			

[illegible]

KS Tube sample taken using push from rig at 42' to 44'
Sample 13 - pocket penetrometer reading = 0.6 tsf

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring, NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-1**

Boring No.: **B-1**

Boring No.: **B-1**

Boring No.: B-1



BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-10**

Page No.: **1 of 5**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 16, 2017 Date Finished: August 17, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 15.2
Station: _____ Offset: _____ ft














Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME-75</u>					
Hammer Type: <u>Safety - Cathead</u>					







Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)		
							0 - 6	6 - 12	12 - 18	18 - 24							
		1	SS	21	16	0.0	5	42	21	50/3"			<div>Depth & Elevation(feet)</div> <div>Fill</div>	<div>Classification System: Modified Burmister</div> <div>[FILL] Brown SILT and CONCRETE FRAGMENTS (7)</div>			
5																	
		2	SS	24	17	5.0	16	23	15	16						[FILL] Brown medium to coarse SAND, some Soft Rock, trace brick fragments (7)	
10																	
		3	SS	3	3	10.0	50/3"	-	-	-					10.5		[FILL] Brown and gray coarse SAND and GRAVEL, little concrete fragments (7)
															11.5	Concrete	4.7
														Fill	3.7		
													13.5				
														Sand	1.7		
15																	
		4	SS	24	12	15.0	5	5	7	6		28.4				[SM] Reddish-brown fine SAND, little Silt (3b)	
20																	
		5	SS	24	18	20.0	12	15	11	11			20.0	Silt	-4.8	[ML] Brown SILT, little Sand (5b)	
25																	
		6	SS	24	17	25.0	3	5	7	7						[ML] Brown SILT, little Sand (5b)	
30																	

Approximately 1' of concrete drilled through from 10.5' to 11.5'.
Noticed fill from app. 11.5' to 13.5' in cuttings.

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-10**

 G E O D E S I G N I N C O R P O R A T E D D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists 241 West 30th St., 5th Fl. New York, NY 10001 Tel: 212.221.6651 Fax: 212.221.6799										BORING LOG				Boring No.: B-10																																																																																																																																																																																																																																	
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 GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists															BORING LOG Project Name Sendero Verde 69 East 111th Street Manhattan, NY					Boring No.: B-10 Page No.: 4 of 5 File No.: 0518-023 Checked By: _____																							
241 West 30th St., 5th Fl. New York, NY 10001															Tel: 212.221.6651 Fax: 212.221.6799																												
Boring Company: <u>Craig Geotechnical Drilling, Co.</u> Foreman: <u>Dave Dolan</u> GeoDesign Rep.: <u>Andrew Stauble</u> Date Started: <u>August 16, 2017</u> Date Finished: <u>August 17, 2017</u> N. Coordinate: _____ E. Coordinate: _____ Ground Surface Elevation (feet): <u>15.2</u> Station: _____ Offset: _____ ft															Casing: _____ Type: <u>FJ</u> I.D.: <u>4.0 in.</u> Hammer Wt.: <u>140 lbs</u> Hammer Fall: <u>30 in.</u> Rig Type: <u>CME-75</u> Hammer Type: <u>Safety - Cathead</u>		Sampler: <u>SS</u> 2.0 in. 140 lbs 30 in. CME-75 Safety - Cathead		Groundwater Observations <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Depth (ft)</th> <th>Elev. (ft)</th> <th>Notes</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					Date	Depth (ft)	Elev. (ft)	Notes																
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95		20	SS	24	24	95.0	16	21	22	31																																	
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100		21	SS	24	22	100.0	11	13	17	16																																	
															[SOFT ROCK/COBBLES] 1st 14": Gray, moderately weathered, slightly fractured SCHIST Last 7": Multi-colored, highly weathered, rounded fractured COBBLES (1d)																												
		1	C	60	21	103.0	[REC= 35%; RQD= 23%]				3																																
105											2.5																																
											0.5																																
											1																																
											0.5																																
110		22	SS	0	0	110.0	50/0"	-	-	-					No Recovery																												
115		2	C	60	16	115.0	[REC= 27%; RQD= 8%]				4																																
											4.5				[SOFT ROCK/COBBLES] Multi-colored, highly weathered, rounded fractured SOFT ROCK and COBBLES (1d)																												
											5.5																																
											4																																
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Remarks	Continued resistance/chatter drilling at 103'; decided to take first core run. Low REC./RQD - tried again at 115'.																																										
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Geotechnical | Construction | Environmental
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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-11**

Page No.: **1 of 5**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Dave Dolan

GeoDesign Rep.: Andrew Stauble

Date Started: August 8, 2017

Date Finished: August 9, 2017

N. Coordinate: _____

E. Coordinate: _____

Ground Surface Elevation (feet): 14.7

Station: _____ Offset: _____ ft

Casing:

Sampler:

Groundwater Observations

Type:

FJ

SS

I.D.:

4.0 in.

2.0 in.

Hammer Wt.: 140 lbs

140 lbs

8/11/17

12.2

2.5

Bailed 10x after reading

Hammer Fall: 30 in.

30 in.

8/11/17

12.0

2.7

Bailed 10x after reading

Rig Type:

CME 75

8/14/17

12.0


2.7

Hammer Type: Safety - Cathead

8/16/17

12.1





2.6





Depth (ft)	Casing Blows/ft	Sample Information										Coring Time (min./ft)	Moisture Content (%)	Strata Description	Symbol	Sample Description	
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval										
							0 - 6	6 - 12	12 - 18	18 - 24							
		1	SS	24	12	0.0	3	6	12	14			Fill		[FILL] Dark gray and red fine SAND and SILT, some Cobbles, little brick fragments (7)		
5		2	SS	24	4	5.0	15	6	4	3							[FILL] BRICK FRAGMENTS and COBBLES (7)
10		3	SS	24	10	10.0	7	8	6	7					[FILL] Reddish-brown coarse to fine SAND and GRAVEL, little Brick Fragments (7)		
													13.5	Sand	12		
15		4	SS	24	0	15.0	9	11	12	12						[SM] Reddish-brown fine SAND, little Silt, trace Gravel (3b)	
													18.5	Silt	-3.8		
20		5	SS	24	14	20.0	3	3	8	11						[ML] Brown SILT, some Sand (5b)	
25		6	SS	24	19	25.0	6	5	7	7	24.6					[ML] Brown SILT, little Clay, little Sand (5b)	
30																	

Cobbles and large pieces of stone noticed in cuttings up to 15'
No recovery in Sample 4, sent down 3" diameter spoon

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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Boring No.: **B-11**

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 <p>GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</p> <p>241 West 30th St., 5th Fl. New York, NY 10001</p> <p>Tel: 212.221.6651 Fax: 212.221.6799</p>															<p>BORING LOG</p> <p>Project Name</p> <p>Sendero Verde 69 East 111th Street Manhattan, NY</p>										<p>Boring No.: B-11</p> <p>Page No.: 3 of 5</p> <p>File No.: 0518-023</p> <p>Checked By: _____</p>																																																																																																																																																																																																																				
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Geotechnical | Construction | Environmental
Engineers and Scientists

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Tel: 212.221.6651
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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-11**

Page No.: 5 of 5

File No.: 0518-023

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Dave Dolan

GeoDesign Rep.: Andrew Stauble

Date Finished: August 9, 2017

E. Coordinate:

Ground Surface Elevation (feet): 14.7

Offset: ft

Sampler:

Groundwater Observations

FJ

SS

4.0 in.

2.0 in.

140 lb

140 lb

30 in.

30 in.

5

5

athread

athread

Strata
DescriptionDepth &
Elevation(feet)

123.0

Bottom of Exploration
at 122.0 ft

Sample Description

Classification System: Modified Burmister

[illegible]

Remarks

Spoon cannot be taken at 122' due to hole collapsing below casing, proposed to install 3" casing on 8/10/2017

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.

- 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
- 2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.

3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer

4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-11**



BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-12**


Page No.: **1 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Robert Hoffmann
Date Started: February 12, 2018 Date Finished: February 13, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 18.0
Station: _____ Offset: _____ ft

Casing:		Sampler:	Groundwater Observations			
Type:	FJ	SS	Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	▼			
Hammer Fall:	30 in.	30 in.	▼			
Rig Type:	CME- 55		▼			
Hammer Type:	Safety - Cathead		▼			

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description				
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)			
							0 - 6	6 - 12	12 - 18	18 - 24								
		1	SS	24	5	0.0	12	13	7	6				Fill		(FILL) Gray-Brown c-f SAND, some gravel, little silt, asphalt, trace concrete [7]		
5																		
		2	SS	24	2	5.0	25	19	8	6								(FILL) Gray GRAVEL, trace c-f sand [7]
10																		
		3	SS	21	2	10.0	9	15	8	11								(FILL) Gray GRAVEL, trace c-f sand [7]

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-12**



Tel: 212.221.6651
Fax: 212.221.6799

Station: Offset: ft

Project Name

Checked By: _____

Sendero Verde
69 East 111th Street
Manhattan, NY

Sampler:

Groundwater Observations





Hammer Type: Safety - Cathead


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Remarks	
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Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring, NR = Not Recorded.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: B-12

<div> GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</div> <div>241 West 30th St., 5th Fl. New York, NY 10001</div> <div>Tel: 212.221.6651 Fax: 212.221.6799</div>												BORING LOG				Boring No.: B-12																																																																																																																																																																																																																																																																																																																																																																																		
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<table><thead><tr><th rowspan="3">Depth (ft)</th><th rowspan="3">Casing Blows/ft</th><th colspan="10">Sample Information</th><th rowspan="3">Strata Description</th><th rowspan="3">Symbol</th><th rowspan="3">Sample Description</th></tr><tr><th rowspan="2">Number</th><th rowspan="2">Type</th><th rowspan="2">Penetration (inches)</th><th rowspan="2">Recovery (inches)</th><th rowspan="2">Depth (ft)</th><th colspan="4">Blows / 6 inch Interval</th><th rowspan="2">Coring Time (min./ft)</th><th rowspan="2">Moisture Content (%)</th></tr><tr><th>0 - 6</th><th>6 - 12</th><th>12 - 18</th><th>18 - 24</th></tr></thead><tbody><tr><td></td><td>13</td><td>SS</td><td>24</td><td>17</td><td>60.0</td><td>10</td><td>15</td><td>25</td><td>24</td><td></td><td></td><td rowspan="10">Silt and Clay (Continued)</td><td rowspan="10"></td><td>(ML) Brown SILT [5a]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>65</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>14</td><td>SS</td><td>24</td><td>20</td><td>65.0</td><td>4</td><td>5</td><td>6</td><td>6</td><td></td><td></td><td></td><td>(CL) Gray CLAY, some brown silt [4b]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>70</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>15</td><td>SS</td><td>24</td><td>22</td><td>70.0</td><td>5</td><td>5</td><td>6</td><td>11</td><td></td><td></td><td></td><td>(ML/CL) Brown SILT and Gray CLAY [5b/4b]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>75</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>16</td><td>SS</td><td>24</td><td>16</td><td>75.0</td><td>5</td><td>4</td><td>12</td><td>15</td><td></td><td></td><td></td><td>(ML) Brown SILT, some gray clay [5b]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>80</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>17</td><td>SS</td><td>24</td><td>18</td><td>80.0</td><td>2</td><td>5</td><td>5</td><td>6</td><td></td><td></td><td></td><td>(ML/CL) Brown SILT and CLAY [5b/4b]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>85</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>18</td><td>SS</td><td>24</td><td>8</td><td>85.0</td><td>20</td><td>45</td><td>25</td><td>30</td><td></td><td></td><td></td><td>(SP) Brown c-f SAND, some gravel, trace silt [3a]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>90</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>												Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description	Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)	Moisture Content (%)	0 - 6	6 - 12	12 - 18	18 - 24		13	SS	24	17	60.0	10	15	25	24			Silt and Clay (Continued)		(ML) Brown SILT [5a]																													65															14	SS	24	20	65.0	4	5	6	6				(CL) Gray CLAY, some brown silt [4b]																													70															15	SS	24	22	70.0	5	5	6	11				(ML/CL) Brown SILT and Gray CLAY [5b/4b]																													75															16	SS	24	16	75.0	5	4	12	15				(ML) Brown SILT, some gray clay [5b]																													80															17	SS	24	18	80.0	2	5	5	6				(ML/CL) Brown SILT and CLAY [5b/4b]																													85															18	SS	24	8	85.0	20	45	25	30				(SP) Brown c-f SAND, some gravel, trace silt [3a]																													90														83.5		Sand		-65.5			
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GEODESIGN
INCORPORATED
D/B/A GeoDesign, Inc. P.C.
Geotechnical | Construction | Environmental
Engineers and Scientists

**241 West 30th St., 5th Fl.
New York, NY 10001**

**Tel: 212.221.6651
Fax: 212.221.6799**

BORING LOG

Project Name

**Sendero Verde
69 East 111th Street
Manhattan, NY**

Boring No.: **B-12**

Page No.: **4 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Nick Beehler

GeoDesign Rep.: Robert Hoffmann

Date Started: February 12, 2018 Date Finished: February 13, 2018

N. Coordinate: _____ E. Coordinate: _____

Ground Surface Elevation (feet): 18.0

Station: _____ Offset: _____ ft

Casing: _____ Sampler: _____

Type: FJ SS

I.D.: 4.0 in. 2.0 in.

Hammer Wt.: 140 lbs 140 lbs

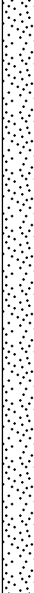



Hammer Fall: 30 in. 30 in.

Rig Type: CME- 55

Hammer Type: Safety - Cathead

Groundwater Observations

Date	Depth (ft)	Elev. (ft)	Notes

Depth (ft)	Casing Blows/ft	Sample Information								Strata Description	Symbol	Sample Description					
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval						Coring Time (min./ft)	Moisture Content (%)			
							0 - 6	6 - 12	12 - 18						18 - 24		
		19	SS	24	18	90.0	26	34	40	48			Sand (Continued)		(SP) Gray fine SAND, trace silt [3a]		
95		20	SS	24	15	95.0	23	31	30	49							(SP) Gray-Brown fine SAND, trace silt [3a]
100		21	SS	24	22	100.0	15	28	30	32							(SP) Gray-Brown fine SAND, trace silt [3a]
105																	
													107.0				
													Weathered Rock				
													109.0				
													Bedrock				
110		1	C	60	52	110.0	[REC= 87%; RQD= 87%]						SCHIST, gray, fine grained, unweathered, hard, sound rock [1a]				
115													115.0				
													Bottom of Exploration at 115.0 ft				
120																	

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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Boring No.: **B-12**



BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-13**



Page No.: **1 of 4**

File No.: **0518-023**

Checked By: _____




















Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Robert Hoffmann
Date Started: February 14, 2018 Date Finished: February 15, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 18.5
Station: _____ Offset: _____ ft





Type:	Casing:	Sampler:	Groundwater Observations			
	Date	Depth (ft)	Elev. (ft)	Notes		
FJ	SS					
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs				
Hammer Fall:	30 in.	30 in.				
Rig Type:	CME-55					
Hammer Type:	Safety - Cathead					

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description		Symbol	Sample Description	
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)	Moisture Content (%)	Depth & Elevation (feet)		Classification System: Modified Burmister	
							0 - 6	6 - 12	12 - 18	18 - 24						
		1	SS	24	12	0.0	8	7	5	2			<div>Fill</div>		(FILL) Brown c-f SAND, some silt, some gravel, little concrete, trace brick [7]	
5																
		2	SS	24	4	5.0	4	8	6	11						(FILL) Gray c-f SAND, little silt, gravel [7]
10																
		3	SS	24	6	10.0	5	27	32	20						8.5 Gravelly Sand 10.0
15																
		4	SS	24	4	15.0	8	7	5	4				(SP) Brown c-f SAND and GRAVEL, trace silt [3b]		
20																
		5	SS	24	2	20.0	8	8	13	15					(GP) Gray GRAVEL [2b]	
25																
		6	SS	24	14	25.0	7	7	7	10				23.5 Silt -5.0		(ML) Brown SILT [5b]
30																

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-13**

 GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists 241 West 30th St., 5th Fl. New York, NY 10001 Tel: 212.221.6651 Fax: 212.221.6799															BORING LOG										Boring No.: B-13																																																																																																																											
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Boring No.: **B-13**



BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-14**


Page No.: **1 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Christian Velasco
Date Started: February 22, 2018 Date Finished: February 22, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 17.5
Station: _____ Offset: _____ ft

Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME- 55</u>					
Hammer Type: <u>Safety - Cathead</u>					


Depth (ft)	Casing Blows/ft	Sample Information										Coring Time (min./ft)	Moisture Content (%)	Strata Description	Symbol	Sample Description
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval									
							0 - 6	6 - 12	12 - 18	18 - 24						
		1	SS	24	7	0.0	1	1	5	11			Depth & Elevation(feet)		Classification System: Modified Burmister	
													Fill		(FILL) Brown SILT, some brick, wood fragments [7]	
5																
		2	SS	24	7	5.0	1	5	6	7						(FILL) Red BRICK [7]
10																
		3	SS	24	10	10.0	25	23	22	12						(FILL) Brown c-f SAND, trace gravel, brick [7]
15																
		4	SS	24	6	15.0	8	11	9	7					(FILL) Brown c-f SAND, little gravel, trace silt [7]	
20																
		5	SS	24	18	20.0	7	8	9	7					(ML) Brown SILT, trace fine sand [5b]	
25																
		6	SS	24	20	25.0	6	10	12	13					(ML) Brown SILT, trace fine sand [5b]	
30																





Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-14**

8 - NYC BORING LOG MC - SENDERO VERDE.GPJ GEODESIGN STANDARD.GDT 2/28/18

 <p align="center">G E O D E S I G N I N C O R P O R A T E D D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</p> <p>241 West 30th St., 5th Fl. New York, NY 10001 Tel: 212.221.6651 Fax: 212.221.6799</p>														<p align="center">BORING LOG</p> <p align="center">Project Name</p> <p align="center">Sendero Verde 69 East 111th Street Manhattan, NY</p>				<p>Boring No.: B-14</p> <p>Page No.: 2 of 4</p> <p>File No.: 0518-023</p> <p>Checked By: _____</p>																																																																																																																																																																																																																																																																																																																																							
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6	6 - 12	12 - 18	18 - 24		13	SS	24	16	60.0	10	15	14	12			Silt and Clay (Continued)		(ML/CL) Brown SILT and CLAY [5b/4b]																													65															14	SS	24	20	65.0	10	8	10	8				(CL) Grayish Brown CLAY, trace silt [4b]																													70															15	SS	24	16	70.0	8	8	11	15				(ML/CL) Brown-Gray SILT and CLAY [5b/4b]																													75															16	SS	24	12	75.0	8	13	16	21				(ML) Brown SILT, trace clay, trace fine sand [5b]																													80															17	SS	24	6	80.0	9	11	12	30				(ML/CL) Brown SILT and CLAY [5b/4b]																													85															18	SS	24	10	85.0	19	22	22	26				(SP) Grayish Brown c-f SAND, trace silt [3a]																													90													
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Tel: 212.221.6651
Fax: 212.221.6799

Station: Offset: ft

Project Name

Checked By: _____

Sendero Verde
69 East 111th Street
Manhattan, NY

Sampler:

Groundwater Observations

Hammer Type: Safety - Cathead

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[illegible]

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-14**

Boring No.: B-14



241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
Fax: 212.221.6799

BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-15**









Page No.: **1 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Christian Velasco
Date Started: February 16, 2018 Date Finished: February 16, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 18.0
Station: _____ Offset: _____ ft

	Casing:	Sampler:	Groundwater Observations			
Type:	FJ	SS	Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	▼			
Hammer Fall:	30 in.	30 in.	▼			
Rig Type:	CME- 55		▼			
Hammer Type:	Safety - Cathead		▼			





Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description		
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)	
							0 - 6	6 - 12	12 - 18	18 - 24						
		1	SS	24	18	0.0	6	6	7	8			Fill		(FILL) Red BRICK, some c-f sand, concrete fragments [7]	
5																
		2	SS	17	10	5.0	8	38	100/5"						(FILL) Black-Brown c-f SAND, some asphalt, concrete fragments [7]	
10																
		3	SS	24	10	10.0	9	13	19	9					(FILL) Brown c-f SAND, some brick fragments, little silt [7]	
													13.5		Sand	
													4.5			
15																
		4	SS	24	12	15.0	15	23	16	15					(SP) Reddish Brown c-f SAND, trace silt [3a]	
20																
		5	SS	24	12	20.0	8	13	16	15					(SP) Reddish Brown fine SAND, trace silt [3b]	
													23.5		Silt	
													-5.5			
25																
		6	SS	24	16	25.0	8	10	10	15					(ML) Reddish Brown SILT, trace fine sand [5b]	
30																





Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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Boring No.: **B-15**

8 - NYC BORING LOG MC - SENDERO VERDE.GPJ GEODESIGN STANDARD.GDT 2/28/18

<div> GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</div> <div>241 West 30th St., 5th Fl. New York, NY 10001</div> <div>Tel: 212.221.6651 Fax: 212.221.6799</div>												<div>BORING LOG</div> <div>Project Name</div> <div>Sendero Verde 69 East 111th Street Manhattan, NY</div>				<div>Boring No.: B-15</div> <div>Page No.: 2 of 4</div> <div>File No.: 0518-023</div> <div>Checked By: _____</div>																																																																																																																																																																																																																																																																																																																							
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<div> GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</div> <div>241 West 30th St., 5th Fl. New York, NY 10001</div> <div>Tel: 212.221.6651 Fax: 212.221.6799</div>														<div>BORING LOG</div> <div>Project Name</div> <div>Sendero Verde 69 East 111th Street Manhattan, NY</div>						<div>Boring No.: B-15</div> <div>Page No.: 3 of 4</div> <div>File No.: 0518-023</div> <div>Checked By: _____</div>																																																																																																																																																																																																																										
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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-16**


Page No.: **1 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Christian Velasco
Date Started: February 20, 2018 Date Finished: February 20, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 18.0
Station: _____ Offset: _____ ft

Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
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Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description		
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							0 - 6	6 - 12	12 - 18	18 - 24						
		1	SS	24	2	0.0	2	2	6	4			Fill		(FILL) Brown-Black SILT, trace wood, leaves, c-f sand [7]	
5																
		2	SS	24	4	5.0	2	7	7	5						(FILL) Brown-Black c-f SAND, trace wood, leaves, silt [7]
10																
		3	SS	24	6	10.0	20	17	24	24						(FILL) Brown c-f SAND, little silt, trace brick [7]
15																
		4	SS	24	6	15.0	8	11	10	8				(FILL) Brown c-f SAND and GRAVEL [7]		

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-16**

8 - NYC BORING LOG MC SENDERO VERDE.GPJ GEODESIGN STANDARD.GDT 2/28/18

<div style="text-align: center;">  GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists </div> <div> 241 West 30th St., 5th Fl. New York, NY 10001 </div> <div style="text-align: right;"> Tel: 212.221.6651 Fax: 212.221.6799 </div>															<div style="text-align: center;"> BORING LOG </div> <div style="text-align: center;"> Project Name Sendero Verde 69 East 111th Street Manhattan, NY </div>										Boring No.: B-16																																																																																																																																																																																																																																																																																																																																																																																																																														
Boring Company: <u>Craig Geotechnical Drilling, Co.</u> Foreman: <u>Nick Beehler</u> GeoDesign Rep.: <u>Christian Velasco</u> Date Started: <u>February 20, 2018</u> Date Finished: <u>February 20, 2018</u> N. Coordinate: _____ E. Coordinate: _____ Ground Surface Elevation (feet): <u>18.0</u> Station: _____ Offset: _____ ft															Casing: _____ Sampler: _____ Type: <u>FJ</u> <u>SS</u> I.D.: <u>4.0 in.</u> <u>2.0 in.</u> Hammer Wt.: <u>140 lbs</u> <u>140 lbs</u> Hammer Fall: <u>30 in.</u> <u>30 in.</u> Rig Type: <u>CME- 55</u> Hammer Type: <u>Safety - Cathead</u>		Groundwater Observations Date Depth (ft) Elev. (ft) Notes																																																																																																																																																																																																																																																																																																																																																																																																																																						
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[4b]																																											75															16	SS	24	20	75.0	12	17	15	18				(ML/CL) Brown-Gray SILT and CLAY [5a/4a]																																											80															17	SS	24	20	80.0	5	23	19	21				(ML/CL) Brown-Gray SILT and CLAY [5a/4a]																																											85															18	SS	24	6	85.0	8	12	18	13				(SP) Gray c-f SAND, trace gravel [3b]																													90														Depth & Elevation (feet) 83.5 Sand -65.5	
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241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
Fax: 212.221.6799

BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-16**

Page No.: **4 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Christian Velasco
Date Started: February 20, 2018 Date Finished: February 20, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 18.0
Station: _____ Offset: _____ ft

Casing:		Sampler:		Groundwater Observations			
Type:	FJ	SS		Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.					
Hammer Wt.:	140 lbs	140 lbs	▼				
Hammer Fall:	30 in.	30 in.	▼				
Rig Type:	CME- 55		▼				
Hammer Type:	Safety - Cathead		▼				

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)		
							0 - 6	6 - 12	12 - 18	18 - 24							
		19	SS	24		90.0	34	61	44	45			Depth & Elevation(feet)	Classification System: Modified Burmister			
																Sand (Continued)	(SP) Gray c-f SAND, little gravel [3a]
95													95.0				
		1	C	60	42	95.0	[REC= 70%; RQD= 50%]						Bedrock -77.0	GNEISS, black-gray, fine to medium grained, highly weathered, intermediate rock [1c]			
100																	
		2	C	60	52	100.0	[REC= 87%; RQD= 80%]							GNEISS, gray-brown-white, fine to medium grained, slightly weathered, medium hard rock [1b]			
105													105.0				
													Bottom of Exploration at 105.0 ft -87.0				
110																	
115																	
120																	

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-16**



BORING LOG



Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-17**
Page No.: **1 of 3**
File No.: **0518-023**
Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Robert Hoffmann
Date Started: February 8, 2018 Date Finished: February 20, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 14.0
Station: _____ Offset: _____ ft

Type:	Casing:	Sampler:	Groundwater Observations			
	FJ	SS	Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	▼			
Hammer Fall:	30 in.	30 in.	▼			
Rig Type:	CME- 55		▼			
Hammer Type:	Safety - Cathead		▼			

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description		Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)	Moisture Content (%)	Depth & Elevation (feet)		Classification System: Modified Burmister			
							0 - 6	6 - 12	12 - 18	18 - 24								
		1	SS	24	6	0.0	8	7	5	6				Fill		(FILL) Brown-Gray c-f SAND, some silt, trace brick, concrete, gravel [7]		
														3.5	Silty Sand	10.5		
5																		
		2	SS	24	20	5.0	6	16	23	18							(SM) Brown m-f SAND, some silt, some clay [3a]	
10																		
		3	SS	24	2	10.0	20	11	12	13							(GP) Gray GRAVEL, trace c-f sand [3b]	
15																		
		4	SS	24	12	15.0	15	9	9	9							(SP) Brown m-f SAND, trace silt [3b]	
20																		
		5	SS	24	14	20.0	9	8	9	13							(SM) Brown fine SAND, little silt [3b]	
25																		
		6	SS	24	16	25.0	7	7	11	10							(CL/ML) Brown CLAY and SILT [4b/5b]	
30																		

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Boring No.: **B-17**

8 - NYC BORING LOG MC SENDERO VERDE GPJ GEODESIGN STANDARD GDT 2/28/18



Geotechnical | Construction | Environmental
Engineers and Scientists

241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
Fax: 212.221.6799

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Nick Beehler

GeoDesign Rep.: Robert Hoffmann

Date Finished: February 20, 2018

E. Coordinate:

Ground Surface Elevation (feet): 14.0

Offset: ft

BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-17**

Page No.: 3 of 3

File No.: 0518-023

Checked By: _____

Casing: Sampler:

Type: FJ SS

I.D.:	4.0 in.	2.0 in.
-------	---------	---------

Hammer Wt.: 140 lbs 140 lb

Hammer Fall: 30 in. 30 in

Rig Type: CME- 55

Hammer Type: Safety - Cathead

Groundwater Observations

Date	Depth	Elev	Notes
------	-------	------	-------

	(ft)	(ft)	
--	------	------	--

[illegible][illegible]

Year	2000	2001	2002	2003
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
4	100	100	100	100
5	100	100	100	100
6	100	100	100	100
7	100	100	100	100
8	100	100	100	100
9	100	100	100	100
10	100	100	100	100
11	100	100	100	100
12	100	100	100	100
13	100	100	100	100
14	100	100	100	100
15	100	100	100	100
16	100	100	100	100
17	100	100	100	100
18	100	100	100	100
19	100	100	100	100
20	100	100	100	100
21	100	100	100	100
22	100	100	100	100
23	100	100	100	100
24	100	100	100	100
25	100	100	100	100
26	100	100	100	100
27	100	100	100	100
28	100	100	100	100
29	100	100	100	100
30	100	100	100	100
31	100	100	100	100
32	100	100	100	100
33	100	100	100	100
34	100	100	100	100
35	100	100	100	100
36	100	100	100	100
37	100	100	100	100
38	100	100	100	100
39	100	100	100	100
40	100	100	100	100
41	100	100	100	100
42	100	100	100	100
43	100	100	100	100
44	100	100	100	100
45	100	100	100	100
46	100	100	100	100
47	100	100	100	100
48	100	100	100	100
49	100	100	100	100
50	100	100	100	100
51	100	100	100	100
52	100	100	100	100
53	100	100	100	100
54	100	100	100	100
55	100	100	100	100
56	100	100	100	100
57	100	100	100	100
58	100	100	100	100
59	100	100	100	100
60	100	100	100	100
61	100	100	100	100
62	100	100	100	100
63	100	100	100	100
64	100	100	100	100
65	100	100	100	100
66	100	100	100	100
67	100	100	100	100
68	100	100	100	100
69	100	100	100	100
70	100	100	100	100
71	100	100	100	100
72	100	100	100	100
73	100	100	100	100
74	100	100	100	100
75	100	100	100	100
76	100	100	100	100
77	100	100	100	100
78	100	100	100	100
79	100	100	100	100
8				

Year	2000	2001	2002	2003
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
4	100	100	100	100
5	100	100	100	100
6	100	100	100	100
7	100	100	100	100
8	100	100	100	100
9	100	100	100	100
10	100	100	100	100
11	100	100	100	100
12	100	100	100	100
13	100	100	100	100
14	100	100	100	100
15	100	100	100	100
16	100	100	100	100
17	100	100	100	100
18	100	100	100	100
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21	100	100	100	100
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23	100	100	100	100
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63	100	100	100	100
64	100	100	100	100
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68	100	100	100	100
69	100	100	100	100
70	100	100	100	100
71	100	100	100	100
72	100	100	100	100
73	100	100	100	100
74	100	100	100	100
75	100	100	100	100
76	100	100	100	100
77	100	100	100	100
78	100	100	100	100
79	100	100	100	100
8				

[illegible]

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring, NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: B-17



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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-2**



Page No.: **1 of 3**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 23, 2017 Date Finished: August 23, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 16.5
Station: _____ Offset: _____ ft


Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME-75</u>					
Hammer Type: <u>Safety - Cathead</u>					

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description				
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)			
							0 - 6	6 - 12	12 - 18	18 - 24								
		1	SS	24	16	0.0	6	16	28	20			<div>Fill</div>		[FILL] Light brown fine SAND and SILT, some brick fragments (7)			
5																		
		2	SS	24	6	5.0	21	5	4	3							[FILL] Dark-gray course to fine GRAVEL, little Sand, little brick fragments (7)	
10																		
		3	SS	24	11	10.0	6	8	8	9								[FILL] Brown/dark-gray course to fine GRAVEL and SAND, some brick fragments (7)
15																		
		4	SS	24	8	15.0	26	30	35	29			15.0		<div>Sand and Gravel</div>	[SP/GP] Reddish-brown/gray course to fine SAND and GRAVEL (3a/2a)		
20																		
		5	SS	24	0	20.0	10	9	10	8		25.1				[SP] Brown medium to course medium SAND (3b)		
25																		
		6	SS	24	0	25.0	5	7	8	7						[SP] Brown medium to course SAND, little Silt (3b)		
30																		

Large gravel fragments/cobbles noticed in cuttings drilling to 15'.
Fill and gravel/cobbles ended at app. 18'.
No recovery in S-5; used 3" diameter spoon to obtain sample. Same for S-6 & S-7.

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-2**



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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-2**

Page No.: **2 of 3**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Dave Dolan

GeoDesign Rep.: Andrew Stauble

Date Started: August 23, 2017 Date Finished: August 23, 2017

N. Coordinate: _____ E. Coordinate: _____

Ground Surface Elevation (feet): 16.5

Station: _____ Offset: _____ ft

Casing: _____ Sampler: _____

Type: FJ SS

I.D.: 4.0 in. 2.0 in.

Hammer Wt.: 140 lbs 140 lbs





Hammer Fall: 30 in. 30 in.

Rig Type: CME-75

Hammer Type: Safety - Cathead

Groundwater Observations


Date	Depth (ft)	Elev. (ft)	Notes

Depth (ft)	Casing Blows/ft	Sample Information								Coring Time (min./ft)	Moisture Content (%)	Strata Description	Symbol	Sample Description	
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval								
							0 - 6	6 - 12	12 - 18						18 - 24
	7	SS	24	0	30.0	10	8	8	12			Silt and Sand (Continued)		[SM/ML] Brown fine SAND and SILT (3b/5b)	
35	8	SS	24	14	35.0	9	7	6	8						[ML] Brown SILT, some Sand, trace Clay (5b)
												Silt and Clay -23.5		[ML/CL] Grayish-brown varved SILT and CLAY, trace Sand (5b/4b)	
40	9	SS	24	19	40.0	6	6	5	4						
45	10	SS	24	19	45.0	4	7	7	8			Silt and Sand -38.5		[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
50	11	SS	24	18	50.0	4	5	8	7						[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)
55	12	SS	24	18	55.0	7	5	5	5			Silt and Sand -38.5		[SM/ML] Grayish-brown fine SAND and SILT, trace Clay (3b/4b)	
60															

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-2**



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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-2**

Page No.: **3 of 3**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Dave Dolan

GeoDesign Rep.: Andrew Stauble

Date Started: August 23, 2017 Date Finished: August 23, 2017

N. Coordinate: _____ E. Coordinate: _____

Ground Surface Elevation (feet): 16.5

Station: _____ Offset: _____ ft

Casing: _____ Sampler: _____

Type: FJ SS

I.D.: 4.0 in. 2.0 in.

Hammer Wt.: 140 lbs 140 lbs

Hammer Fall: 30 in. 30 in.

Rig Type: CME-75

Hammer Type: Safety - Cathead

Groundwater Observations

Date	Depth (ft)	Elev. (ft)	Notes

Depth (ft)	Casing Blows/ft	Sample Information								Strata Description	Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval						Coring Time (min./ft)	Moisture Content (%)	
							0 - 6	6 - 12	12 - 18						18 - 24
	13	SS	24	17	60.0	WOR	5	6	8			Silt and Clay -43.5	[ML/CL] Grayish-brown varved SILT and CLAY, trace Sand (5b/4b)		
65	14	SS	24	20	65.0	5	8	9	8				[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)		
70	15	SS	24	24	70.0	3	7	10	8				[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)		
75	16	SS	3	3	75.0	50/3"	-	-	-			75.0 Soft Rock -58.5	[ML/CL] Grayish-brown varved SILT and CLAY, little Soft Rock (5b/4b)		
80	1	C	60	52	80.0	[REC= 87%; RQD= 78%]				8		80.0 Medium Hard Rock -63.5	[GNEISS] Gray, fine-grained, moderately weathered, slightly fractured MED. HARD ROCK (1b)		
										7					
										6					
										5.5					
85										4		85.0 Bottom of Exploration at 85.0 ft -68.5			
90															

Remarks

Resistance/chatter drilling to 80'. Decided to take first core run.

Notes:

1) Stratification lines represent approximate boundary between material types, transitions may be gradual.

2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.

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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-2**



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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-3**







Page No.: **1 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Christian Velasco
Date Started: February 19, 2018 Date Finished: February 19, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 16.0
Station: _____ Offset: _____ ft


	Casing:	Sampler:	Groundwater Observations			
Type:	FJ	SS	Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	▼			
Hammer Fall:	30 in.	30 in.	▼			
Rig Type:	CME- 55		▼			
Hammer Type:	Safety - Cathead		▼			

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description	
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)
							0 - 6	6 - 12	12 - 18	18 - 24					
		1	SS	24	12	0.0	2	6	3	10			Fill		(FILL) Brown c-f SAND, some silt, roots [7]
5															
		2	SS	24	4	5.0	2	2	2	2			13.5		(FILL) Brown-Gray GRAVEL and c-f SAND, trace brick [7]
10															
		3	SS	24	8	10.0	6	7	15	20			13.5		(FILL) Black c-f SAND, some concrete fragments, some gravel [7]
15															
		4	SS	24	12	15.0	16	14	8	11			13.5		(SP) Brown c-f SAND, trace silt, trace gravel [3b]
20															
		5	SS	24	6	20.0	8	7	9	9			23.5		(SP) Brown c-f SAND, trace silt, trace gravel [3b]
25															
		6	SS	24	16	25.0	9	11	10	15			23.5		(ML) Reddish Brown SILT, trace fine sand [5b]
30															

Remarks

- Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-3**

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GeoDesign Rep.: <u>Christian Velasco</u>												I.D.: <u>4.0 in.</u>		2.0 in.																																																																																																																																																																																																																																																																																																																																																					
Date Started: <u>February 19, 2018</u>												Date Finished: <u>February 19, 2018</u>		Hammer Wt.: <u>140 lbs</u>		140 lbs		▼																																																																																																																																																																																																																																																																																																																																																	
N. Coordinate: _____												E. Coordinate: _____		Hammer Fall: <u>30 in.</u>		30 in.		▼																																																																																																																																																																																																																																																																																																																																																	
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Station: _____												Offset: <u>ft</u>		Hammer Type: <u>Safety - Cathead</u>		▼																																																																																																																																																																																																																																																																																																																																																			
<table><thead><tr><th rowspan="3">Depth (ft)</th><th rowspan="3">Casing Blows/ft</th><th colspan="10">Sample Information</th><th rowspan="3">Strata Description</th><th rowspan="3">Symbol</th><th rowspan="3">Sample Description</th></tr><tr><th rowspan="2">Number</th><th rowspan="2">Type</th><th rowspan="2">Penetration (inches)</th><th rowspan="2">Recovery (inches)</th><th rowspan="2">Depth (ft)</th><th colspan="4">Blows / 6 inch Interval</th><th rowspan="2">Coring Time (min./ft)</th><th rowspan="2">Moisture Content (%)</th></tr><tr><th>0 - 6</th><th>6 - 12</th><th>12 - 18</th><th>18 - 24</th></tr></thead><tbody><tr><td></td><td></td><td>7</td><td>SS</td><td>24</td><td>6</td><td>30.0</td><td>12</td><td>16</td><td>16</td><td>26</td><td></td><td></td><td rowspan="12">Silt (Continued)</td><td rowspan="12"></td><td>(ML) Reddish Brown SILT, trace fine sand [5a]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>35</td><td></td><td>8</td><td>SS</td><td>24</td><td>20</td><td>35.0</td><td>7</td><td>12</td><td>24</td><td>21</td><td></td><td></td><td></td><td></td><td>(ML) Reddish Brown SILT, trace fine sand, trace clay [5a]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40</td><td></td><td>9</td><td>SS</td><td>24</td><td>18</td><td>40.0</td><td>7</td><td>10</td><td>12</td><td>12</td><td></td><td></td><td></td><td></td><td>(ML) Reddish Brown SILT, trace fine sand, trace clay [5b]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>45</td><td></td><td>10</td><td>SS</td><td>24</td><td>20</td><td>45.0</td><td>8</td><td>10</td><td>13</td><td>12</td><td></td><td></td><td></td><td></td><td>(ML) Reddish Brown SILT, little clay, trace fine sand [5b]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>50</td><td></td><td>11</td><td>SS</td><td>24</td><td>20</td><td>50.0</td><td>8</td><td>11</td><td>10</td><td>15</td><td></td><td></td><td></td><td></td><td>(ML) Reddish Brown SILT, little clay, trace fine sand [5b]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>55</td><td></td><td>12</td><td>SS</td><td>24</td><td>20</td><td>55.0</td><td>9</td><td>12</td><td>12</td><td>17</td><td></td><td></td><td></td><td></td><td>(ML) Reddish Brown SILT, little clay, trace fine sand [5b]</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>60</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>58.5</td><td>Silt and Clay -42.5</td><td></td></tr></tbody></table>												Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description	Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)	Moisture Content (%)	0 - 6	6 - 12	12 - 18	18 - 24			7	SS	24	6	30.0	12	16	16	26			Silt (Continued)		(ML) Reddish Brown SILT, trace fine sand [5a]																															35		8	SS	24	20	35.0	7	12	24	21					(ML) Reddish Brown SILT, trace fine sand, trace clay [5a]																																	40		9	SS	24	18	40.0	7	10	12	12					(ML) Reddish Brown SILT, trace fine sand, trace clay [5b]																																	45		10	SS	24	20	45.0	8	10	13	12					(ML) Reddish Brown SILT, little clay, trace fine sand [5b]																																	50		11	SS	24	20	50.0	8	11	10	15					(ML) Reddish Brown SILT, little clay, trace fine sand [5b]																																	55		12	SS	24	20	55.0	9	12	12	17					(ML) Reddish Brown SILT, little clay, trace fine sand [5b]																																	60													58.5	Silt and Clay -42.5		Remarks											
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241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
Fax: 212.221.6799

BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-3**









Page No.: **3 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Nick Beehler
GeoDesign Rep.: Christian Velasco
Date Started: February 19, 2018 Date Finished: February 19, 2018
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 16.0
Station: _____ Offset: _____ ft


Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME- 55</u>					
Hammer Type: <u>Safety - Cathead</u>					

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description		
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)	
							0 - 6	6 - 12	12 - 18	18 - 24						
		13	SS	24	20	60.0	4	4	6	7			Silt and Clay (Continued)		(ML-CL) Brown-Gray SILT and CLAY [5b-4b]	
65													Silt			
		14	SS	24	5	65.0	9	9	13	13						(ML-CL) Brown-Gray SILT and CLAY [5b-4b]
													68.5			
70													Silt			
		15	SS	24	13	70.0	2	35	50/1"							(ML) Brown-Gray SILT, little clay [5a]
													73.5			
75													Sand			
		16	SS	24	10	75.0	18	14	16	14						(SP) Brown c-f SAND, trace silt, trace gravel [3b]
													73.5			
80													Sand			
		17	SS	24	12	80.0	22	23	12	9						(SP) Brown c-f SAND, trace silt, trace gravel [3a]
													73.5			
85													Sand			
		18	SS	3	3	85.0	70/3"									(SP-GP) Brown c-f SAND and GRAVEL [3a-2a]
													73.5			
90													90.0			

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-3**

<div> GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</div> <div>241 West 30th St., 5th Fl. New York, NY 10001</div> <div>Tel: 212.221.6651 Fax: 212.221.6799</div>										<div>BORING LOG</div> <div>Project Name</div> <div>Sendero Verde 69 East 111th Street Manhattan, NY</div>				<div>Boring No.: B-3</div> <div>Page No.: 4 of 4</div> <div>File No.: 0518-023</div> <div>Checked By: _____</div>																																																																																																																																																																																																																																																																																																																																																																	
<div>Boring Company: <u>Craig Geotechnical Drilling, Co.</u></div> <div>Foreman: <u>Nick Beehler</u></div> <div>GeoDesign Rep.: <u>Christian Velasco</u></div> <div>Date Started: <u>February 19, 2018</u> Date Finished: <u>February 19, 2018</u></div> <div>N. Coordinate: _____ E. Coordinate: _____</div> <div>Ground Surface Elevation (feet): <u>16.0</u></div> <div>Station: _____ Offset: _____ ft</div>										<div>Casing: _____ Sampler: _____</div> <div>Type: <u>FJ</u> <u>SS</u></div> <div>I.D.: <u>4.0 in.</u> <u>2.0 in.</u></div> <div>Hammer Wt.: <u>140 lbs</u> <u>140 lbs</u></div> <div>Hammer Fall: <u>30 in.</u> <u>30 in.</u></div> <div>Rig Type: <u>CME- 55</u></div> <div>Hammer Type: <u>Safety - Cathead</u></div>		<div>Groundwater Observations</div> <table><tr><th>Date</th><th>Depth (ft)</th><th>Elev. (ft)</th><th>Notes</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>				Date	Depth (ft)	Elev. (ft)	Notes																																																																																																																																																																																																																																																																																																																																																												
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241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
Fax: 212.221.6799

BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-4**






Page No.: **1 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 11, 2017 Date Finished: August 14, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 15.4
Station: _____ Offset: _____ ft

Type:	Casing:	Sampler:	Groundwater Observations			
	FJ	SS	Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	8/15/17	12.7	2.7	Bailed 10x after reading
Hammer Fall:	30 in.	30 in.	8/15/17	12.7	2.7	Bailed 10x after reading
Rig Type:	CME 75		8/15/17	12.7	2.7	
Hammer Type:	Safety - Cathead		8/16/17	12.7	2.7	


Depth (ft)	Casing Blows/ft	Sample Information										Coring Time (min./ft)	Moisture Content (%)	Strata Description	Symbol	Sample Description
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval									
							0 - 6	6 - 12	12 - 18	18 - 24						
		1	SS	24	17	0.0	4	8	12	10			Fill		[FILL] Brown SILT and fine SAND, some Brick Fragments (7)	
5																
		2	SS	24	5	5.0	3	2	4	4					[FILL] Brown coarse SAND and GRAVEL, little Brick Fragments (7)	
10																
		3	SS	24	0	10.0	7	8	8	50/3"					No Recovery	
													11.5			
																
													13.5			
																
15																
		4	SS	24	10	15.0	18	14	14	10					[SP] Brown coarse to fine SAND (3b)	
													18.5			
																
20																
		5	SS	24	7	20.0	WOR	WOR	3	4					[SM] Brown fine SAND, little Silt (6)	
													23.5			
																
25																
		6	SS	24	15	25.0	5	8	7	6					[SM/ML] Brown SILT and fine SAND (5b/3b)	
30																


Remarks: No recovery in Sample 3, possible boulder blocking tip


Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-4**

8 - NYC BORING LOG MC - SENDERO VERDE.GPJ GEODESIGN STANDARD.GDT 2/28/18

<div style="text-align: center;">  G E O D E S I G N I N C O R P O R A T E D D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists </div> <div> 241 West 30th St., 5th Fl. New York, NY 10001 </div> <div> Tel: 212.221.6651 Fax: 212.221.6799 </div>															<div style="text-align: center;"> BORING LOG </div> <div> Project Name Sendero Verde 69 East 111th Street Manhattan, NY </div>										Boring No.: B-4 Page No.: 2 of 4 File No.: 0518-023 Checked By: _____																																																																																																																																																																																																																																																																																																																												
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6	6 - 12	12 - 18	18 - 24		7	SS	24	15	30.0	8	6	9	6			31.5	Silt and Sand (Continued)	[SM/ML] Brown SILT and fine SAND, trace Clay (5b/ 3b)																											33.5	Silt and Clay -18.1		35	8	SS	24	18	35.0	5	5	7	7					1	ST	24	24	37.0	PUSH	-	-	-			30.3																				40	9	SS	24	22	39.0	4	6	5	6																				43.0																	-27.6		45	10	SS	24	18	45.0	3	5	5	6						[SM/ML] Brown fine SAND and SILT, some Clay (3b/5b)														48.5																	-33.1		50	11	SS	24	18	50.0	3	3	6	6						[ML/CL] Grayish-brown varved SILT and CLAY, some Sand (6)		2	ST	24	22	52.0	PUSH	-	-	-			31.6																				55	12	SS	24	20	54.0	4	5	6	6						[ML/CL] Grayish-brown varved SILT and CLAY, trace Sand (5b/4b)																																	60															
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Remarks: Varved silt/clay mostly in Sample 8, decided to take tube sample at 37' Sample 9 - pocket penetrometer = 0.2 tsf Low blow counts in Sample 11, decided to take 2nd tube sample at 52' Sample 13 - pocket penetrometer = 0.75 tsf																																																																																																																																																																																																																																																																																																																																																					
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<p>Remarks</p> <p>Sample 14 - pocket penetrometer = 0.2 tsf to 0.5 tsf</p> <p>Sample 15 - pocket penetrometer = 0.4 tsf</p> <p>Difficult drilling at 80'. Inferred layer of boulders/cobbles based on drilling and nearby boring log</p>																																																																																																																																																																																																																																																																																																																																										
<p>Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual. 2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded. 3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer 4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%</p>																																																																																																																																																																																																																																																																																																																																										
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<div style="text-align: center;">  <p>GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</p> </div> <p>241 West 30th St., 5th Fl. New York, NY 10001</p> <p>Tel: 212.221.6651 Fax: 212.221.6799</p>														<div style="text-align: center;"> <h2>BORING LOG</h2> <p>Project Name</p> <p>Sendero Verde 69 East 111th Street Manhattan, NY</p> </div>						Boring No.: B-4 Page No.: 4 of 4 File No.: 0518-023 Checked By: _____																																																																																																																																																																																																																																																																																																																																																																																																																														
Boring Company: <u>Craig Geotechnical Drilling, Co.</u> Foreman: <u>Dave Dolan</u> GeoDesign Rep.: <u>Andrew Stauble</u> Date Started: <u>August 11, 2017</u> Date Finished: <u>August 14, 2017</u> N. Coordinate: _____ E. Coordinate: _____ Ground Surface Elevation (feet): <u>15.4</u> Station: _____ Offset: _____ ft														Casing: _____ Sampler: _____ Type: <u>FJ</u> <u>SS</u> I.D.: <u>4.0 in.</u> <u>2.0 in.</u> Hammer Wt.: <u>140 lbs</u> <u>140 lbs</u> Hammer Fall: <u>30 in.</u> <u>30 in.</u> Rig Type: <u>CME 75</u> Hammer Type: <u>Safety - Cathead</u>		Groundwater Observations <table border="1"> <thead> <tr> <th>Date</th> <th>Depth (ft)</th> <th>Elev. (ft)</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>8/15/17</td> <td>12.7</td> <td>2.7</td> <td>Bailed 10x after reading</td> </tr> <tr> <td>8/15/17</td> <td>12.7</td> <td>2.7</td> <td>Bailed 10x after reading</td> </tr> <tr> <td>8/15/17</td> <td>12.7</td> <td>2.7</td> <td></td> </tr> <tr> <td>8/16/17</td> <td>12.7</td> <td>2.7</td> <td></td> </tr> </tbody> </table>				Date	Depth (ft)	Elev. (ft)	Notes	8/15/17	12.7	2.7	Bailed 10x after reading	8/15/17	12.7	2.7	Bailed 10x after reading	8/15/17	12.7	2.7		8/16/17	12.7	2.7																																																																																																																																																																																																																																																																																																																																																																																																												
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BORING LOG



Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-5**
Page No.: **1 of 4**
File No.: **0518-023**
Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 15, 2017 Date Finished: August 16, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 16.9
Station: _____ Offset: _____ ft


Type:	Casing:	Sampler:	Groundwater Observations			
			Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	8/16/17	13.2	3.7	Bailed 10x
Hammer Fall:	30 in.	30 in.	8/16/17	13.1	3.8	Bailed 10x
Rig Type:	CME-75		8/17/17	13.0	3.9	
Hammer Type:	Safety - Cathead		8/18/17	13.0	3.9	





Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)		
							0 - 6	6 - 12	12 - 18	18 - 24							
		1	SS	24	11	0.0	4	14	3	3			Fill		[FILL] Brown SILT, some Sand, some Brick Fragments (7)		
5		2	SS	24	3	5.0	11	4	3	3							[FILL] Red coarse to fine BRICK FRAGMENTS, trace Gravel (7)
10		3	SS	24	10	10.0	7	12	18	25					[FILL] Brown coarse to fine SAND, some Cobbles and Gravel (7)		
													13.5				
15		4	SS	24	2	15.0	9	15	12	10				Sand and Gravel		[GM/SM] Dark gray coarse GRAVEL and SAND (2b/3b)	
													18.5				
20		5	SS	24	2	20.0	4	5	6	5				Sand		[SP] Brown coarse to medium SAND (3b)	
													23.5				
25		6	SS	24	16	25.0	5	4	8	8				Sand and Silt		[SM/ML] Brown fine SAND and SILT (3b/5b)	
													28.5				
30														Silt			

Low recovery for Sample 5, sent down 3" diameter split spoon

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-5**

<div style="text-align: center;">  <p>GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</p> </div> <p>241 West 30th St., 5th Fl. New York, NY 10001</p> <p>Tel: 212.221.6651 Fax: 212.221.6799</p>														<div style="text-align: center;"> <p>BORING LOG</p> <p>Project Name</p> <p>Sendero Verde 69 East 111th Street Manhattan, NY</p> </div>						<p>Boring No.: B-5</p> <p>Page No.: 2 of 4</p> <p>File No.: 0518-023</p> <p>Checked By: _____</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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 <p align="center">G E O D E S I G N I N C O R P O R A T E D D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</p> <p>241 West 30th St., 5th Fl. New York, NY 10001 Tel: 212.221.6651 Fax: 212.221.6799</p>														<p align="center">BORING LOG</p> <p align="center">Project Name</p> <p align="center">Sendero Verde 69 East 111th Street Manhattan, NY</p>				<p>Boring No.: B-5</p> <p>Page No.: 3 of 4</p> <p>File No.: 0518-023</p> <p>Checked By: _____</p>																																																																																																																																																																																																																																																																																																																																																																																																																																		
<p>Boring Company: <u>Craig Geotechnical Drilling, Co.</u></p> <p>Foreman: <u>Dave Dolan</u></p> <p>GeoDesign Rep.: <u>Andrew Stauble</u></p> <p>Date Started: <u>August 15, 2017</u> Date Finished: <u>August 16, 2017</u></p> <p>N. Coordinate: _____ E. Coordinate: _____</p> <p>Ground Surface Elevation (feet): <u>16.9</u></p> <p>Station: _____ Offset: _____ ft</p>														<p>Casing: _____ Sampler: _____</p> <p>Type: <u>FJ</u> <u>SS</u></p> <p>I.D.: <u>4.0 in.</u> <u>2.0 in.</u></p> <p>Hammer Wt.: <u>140 lbs</u> <u>140 lbs</u></p> <p>Hammer Fall: <u>30 in.</u> <u>30 in.</u></p> <p>Rig Type: <u>CME-75</u></p> <p>Hammer Type: <u>Safety - Cathead</u></p>		<p align="center">Groundwater Observations</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Depth (ft)</th> <th>Elev. (ft)</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>8/16/17</td> <td>13.2</td> <td>3.7</td> <td>Bailed 10x</td> </tr> <tr> <td>8/16/17</td> <td>13.1</td> <td>3.8</td> <td>Bailed 10x</td> </tr> <tr> <td>8/17/17</td> <td>13.0</td> <td>3.9</td> <td></td> </tr> <tr> <td>8/18/17</td> <td>13.0</td> <td>3.9</td> <td></td> </tr> </tbody> </table>						Date	Depth (ft)	Elev. (ft)	Notes	8/16/17	13.2	3.7	Bailed 10x	8/16/17	13.1	3.8	Bailed 10x	8/17/17	13.0	3.9		8/18/17	13.0	3.9																																																																																																																																																																																																																																																																																																																																																																																																												
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Tel: 212.221.6651
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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-5**



Page No.: **4 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 15, 2017 Date Finished: August 16, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 16.9
Station: _____ Offset: _____ ft

Type:	Casing:	Sampler:	Groundwater Observations			
			Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	8/16/17	13.2	3.7	Bailed 10x
Hammer Fall:	30 in.	30 in.	8/16/17	13.1	3.8	Bailed 10x
Rig Type:	CME-75		8/17/17	13.0	3.9	
Hammer Type:	Safety - Cathead		8/18/17	13.0	3.9	

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description		
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)	
							0 - 6	6 - 12	12 - 18	18 - 24						
		19	SS	24		90.0	5	6	9	11			Silt (Continued)		[ML] Brown SILT, little fine Sand (5b)	
													93.5		Sand -76.6	
95																
		20	SS	24	13	95.0	19	21	18	17						
100																
		21	SS	24	20	100.0	15	17	20	18						[SM] Brown and gray fine SAND, some Silt (3a)
105																

Remarks: Slight rig chatter at 93'
Sampling at 10' intervals began after 100'
Consistent rig chatter began at 108'
Groundwater well installed; 10' screen & 20' riser.

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-5**



BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-6**
Page No.: **1 of 4**
File No.: **0518-023**
Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 25, 2017 Date Finished: August 25, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 16.25
Station: _____ Offset: _____ ft








Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME-75</u>					
Hammer Type: <u>Safety - Cathead</u>					

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description				
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)			
							0 - 6	6 - 12	12 - 18	18 - 24								
		1	SS	24	10	0.0	4	9	3	2				Depth & Elevation(feet)	Classification System: Modified Burmister			
													<div>Fill</div>	<div></div>	[FILL] Brown fine SAND and SILT, little Brick Fragments (7)			
5																		
		2	SS	6	0	5.0	7	-	-	-								
10																		
		3	SS	24	6	10.0	4	10	9	11								[FILL] Brown course to fine SAND and SILT, some Gravel and Brick Fragments (7)
15																		
		4	SS	24	7	15.0	19	11	15	11				15.0		[SP/GP] Brown medium to course SAND and GRAVEL (3b/2b)		
20																		
		5	SS	24	14	20.0	4	4	5	6				20.0		[SM] Brown fine SAND, little Silt (6)		
25																		
		6	SS	24	15	25.0	7	8	6	9				25.0		[ML] Brown SILT, some Sand (5b)		
30																		

Remarks: During sampling S-2, casing began to move downwards; stopped sampling after 6" penetration. Two very large pieces of red brick wedged in casing at 10'.

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-6**

 GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists												BORING LOG Project Name <div style="text-align: center;"> Sendero Verde 69 East 111th Street Manhattan, NY </div>				Boring No.: B-6 Page No.: 2 of 4 File No.: 0518-023 Checked By: _____																							
241 West 30th St., 5th Fl. New York, NY 10001												Tel: 212.221.6651 Fax: 212.221.6799																											
Boring Company: <u>Craig Geotechnical Drilling, Co.</u> Foreman: <u>Dave Dolan</u> GeoDesign Rep.: <u>Andrew Stauble</u> Date Started: <u>August 25, 2017</u> Date Finished: <u>August 25, 2017</u> N. Coordinate: _____ E. Coordinate: _____ Ground Surface Elevation (feet): <u>16.25</u> Station: _____ Offset: _____ ft												Casing: _____ Type: <u>FJ</u> I.D.: <u>4.0 in.</u> Hammer Wt.: <u>140 lbs</u> Hammer Fall: <u>30 in.</u> Rig Type: <u>CME-75</u> Hammer Type: <u>Safety - Cathead</u>		Sampler: <u>SS</u> 2.0 in. 140 lbs 30 in. CME-75 Safety - Cathead		Groundwater Observations <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Date</th> <th>Depth (ft)</th> <th>Elev. (ft)</th> <th>Notes</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>				Date	Depth (ft)	Elev. (ft)	Notes																
Date	Depth (ft)	Elev. (ft)	Notes																																				
Sample Information												Strata Description		Sample Description																									
Depth (ft)	Casing Blows/ft	Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)	Moisture Content (%)	Depth & Elevation (feet)	Symbol	Classification System: Modified Burmister																								
							0 - 6	6 - 12	12 - 18	18 - 24																													
		7	SS	24	13	30.0	6	6	8	8			Silt (Continued)		[ML] Brown SILT, some Sand (5b)																								
35		8	SS	24	16	35.0	6	6	7	8			Silt and Clay -23.8		[ML] Brown SILT, some Clay, trace Sand (5b)																								
40		9	SS	24	19	40.0	5	7	7	7			Silt and Clay -23.8		[ML/CL] Grayish-brown varved SILT and CLAY, trace Sand (5b/4b)																								
45		10	SS	24	20	45.0	6	6	7	9			Silt and Clay -23.8		[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)																								
50		11	SS	24	19	50.0	5	4	8	8			Silt and Clay -23.8		[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)																								
55		12	SS	24	20	55.0	4	4	5	5			Silt and Clay -23.8		[ML] Brown SILT, some Sand, little Clay (6)																								
60													60.0																										
Remarks																																							
Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual. 2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded. 3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer 4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%																																							
														Boring No.: B-6																									



241 West 30th St., 5th Fl.
New York, NY 10001

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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-6**







Page No.: **3 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 25, 2017 Date Finished: August 25, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 16.25
Station: _____ Offset: _____ ft

Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME-75</u>					
Hammer Type: <u>Safety - Cathead</u>					

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description		
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)	
							0 - 6	6 - 12	12 - 18	18 - 24						
		13	SS	24	20	60.0	4	6	6	5			Clay -43.8		[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
65													65.0			
		14	SS	24	24	65.0	2	3	4	4			Silt and Clay -48.8		[CL] Gray CLAY, little Silt (6)	
70																
		15	SS	24	23	70.0	7	7	8	10					[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
75																
		16	SS	24	19	75.0	5	7	12	11					[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
80																
		17	SS	24	20	80.0	7	10	15	15					[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
85																
		18	SS	24	22	85.0	3	5	5	6					[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
90													90.0			

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-6**



241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-6**

Page No.: **4 of 4**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 25, 2017 Date Finished: August 25, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 16.25
Station: _____ Offset: _____ ft

Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME-75</u>					
Hammer Type: <u>Safety - Cathead</u>					

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description		Symbol	Sample Description
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)	Moisture Content (%)			
							0 - 6	6 - 12	12 - 18	18 - 24					
		19	SS	24	12	90.0	18	14	17	20			Depth & Elevation(feet)		Classification System: Modified Burmister
													Sand	-73.8	[SM] Gray fine SAND, some Silt and Clay (3a)
95															
		20	SS	24	17	95.0	16	22	24	24					[SM] Gray fine SAND, little stiff Silt (3a)
100															
		21	SS	24	19	100.0	13	19	22	21					[SM] Grayish-brown fine SAND, little Silt and Clay (3a)
105															
110													110.0		
		22	SS	9	9	110.0	26	50/3"	-	-			Soft Rock	-93.8	[ML] Brown SILT and CLAY, some Soft Rock (5a/4a)
													112.0		
		1	C	60	45	112.0	[REC= 75%; RQD= 43%]				6.5		Intermediate Rock	-95.8	[QUARTZ] Whiteish-gray, fine grained, moderately weathered, moderately fractured INTERMEDIATE ROCK (1c)
											6				
115											4.5				
											3.5				
											3				
													117.0		
													Bottom of Exploration at 117.0 ft	-100.8	
120															

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-6**



BORING LOG


Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-7**
Page No.: **1 of 5**
File No.: **0518-023**
Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 24, 2017 Date Finished: _____
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 15.85
Station: _____ Offset: _____ ft


<u>Casing:</u>		<u>Sampler:</u>	Groundwater Observations			
Type:	<u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.:	4.0 in.	2.0 in.				
Hammer Wt.:	140 lbs	140 lbs	▼			
Hammer Fall:	30 in.	30 in.	▼			
Rig Type:	CME-75		▼			
Hammer Type:	Safety - Cathead		▼			


Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)		
							0 - 6	6 - 12	12 - 18	18 - 24							
		1	SS	24	13	0.0	4	10	11	8				Fill		[FILL] Brown fine SAND and SILT, trace concrete fragments (7)	
5																	
		2	SS	24	9	5.0	4	4	3	4							[FILL] Course BRICK FRAGMENTS, little concrete fragments (7)
10																	
		3	SS	24	6	10.0	2	3	10	18						[FILL] Medium to course BRICK FRAGMENTS, trace concrete fragments (7)	
15														15.0			
		4	SS	24	7	15.0	14	10	8	8					Sand	0.8	[SP] Brown medium to course SAND, little silt, little Gravel (3b)
20														20.0			
		5	SS	24	15	20.0	4	6	7	8						-4.3	[SM] Brown fine SAND, trace Silt (3b)
25														25.0			
		6	SS	24	18	25.0	15	11	16	15					Silt	-9.3	[ML] Brown SILT, trace Clay (5b)
30																	

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded.
3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer
4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-7**

8 - NYC BORING LOG MC SENDERO VERDE.GPJ GEODESIGN STANDARD.GDT 2/28/18

 G E O D E S I G N I N C O R P O R A T E D D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists												BORING LOG Project Name Sendero Verde 69 East 111th Street Manhattan, NY				Boring No.: B-7 Page No.: 2 of 5 File No.: 0518-023 Checked By: _____																	
241 West 30th St., 5th Fl. New York, NY 10001												Tel: 212.221.6651 Fax: 212.221.6799																					
Boring Company: <u>Craig Geotechnical Drilling, Co.</u> Foreman: <u>Dave Dolan</u> GeoDesign Rep.: <u>Andrew Stauble</u> Date Started: <u>August 24, 2017</u> Date Finished: _____ N. Coordinate: _____ E. Coordinate: _____ Ground Surface Elevation (feet): <u>15.85</u> Station: _____ Offset: _____ ft												Casing: _____ Sampler: _____ Type: <u>FJ</u> <u>SS</u> I.D.: <u>4.0 in.</u> <u>2.0 in.</u> Hammer Wt.: <u>140 lbs</u> <u>140 lbs</u> Hammer Fall: <u>30 in.</u> <u>30 in.</u> Rig Type: <u>CME-75</u> Hammer Type: <u>Safety - Cathead</u>		Groundwater Observations <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Date</th> <th>Depth (ft)</th> <th>Elev. (ft)</th> <th>Notes</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>				Date	Depth (ft)	Elev. (ft)	Notes												
Date	Depth (ft)	Elev. (ft)	Notes																														
Sample Information												Strata Description		Sample Description																			
Depth (ft)	Casing Blows/ft	Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)	Moisture Content (%)	Depth & Elevation (feet)	Symbol	Classification System: Modified Burmister																		
							0 - 6	6 - 12	12 - 18	18 - 24																							
		7	SS	24	18	30.0	16	11	12	10						[ML] Brown SILT, little Sand, trace Clay (5b)																	
35		8	SS	24	18	35.0	11	11	9	10			35.0	Silt and Clay -19.3	[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)																		
40		9	SS	24	20	40.0	6	5	9	7						[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)																	
45		10	SS	24	19	45.0	6	6	9	9						[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)																	
50		11	SS	24	17	50.0	7	7	7	9			50.0	Silt and Sand -34.3	[SM/ML] Brown SAND and SILT, little Clay (3b/5b)																		
55		12	SS	24	19	55.0	8	7	7	7			55.0	Silt -39.3	[ML] Grayish-brown SILT, little Sand, trace Clay (5b)																		
60													60.0																				
Remarks																																	
Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual. 2) Water level readings have been made at times and under conditions stated, fluctuations of groundwater may occur due to other factors than those present at the time measurements were made. AC = After coring; NR = Not Recorded. 3) Abbreviations: A = Auger; C = Core; MC=Macrocore; D = Driven; G = Grab; PS = Piston Sample; SS = Split Spoon; SSL = 3.5 Inch ID Split Spoon; ST = Shelby Tube; V = Vane; WOR/H = Weight of Rod/Hammer 4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%																																	
															Boring No.: B-7																		



GEODESIGN
INCORPORATED
D/B/A GeoDesign, Inc. P.C.
Geotechnical | Construction | Environmental
Engineers and Scientists

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BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-7**

Page No.: **3 of 5**

File No.: **0518-023**

Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Dave Dolan

GeoDesign Rep.: Andrew Stauble

Date Started: August 24, 2017 Date Finished: _____

N. Coordinate: _____ E. Coordinate: _____

Ground Surface Elevation (feet): 15.85

Station: _____ Offset: _____ ft

Casing: _____ Sampler: _____

Type: FJ SS

I.D.: 4.0 in. 2.0 in.

Hammer Wt.: 140 lbs 140 lbs







Hammer Fall: 30 in. 30 in.

Rig Type: CME-75

Hammer Type: Safety - Cathead

Groundwater Observations

Date	Depth (ft)	Elev. (ft)	Notes

Depth (ft)	Casing Blows/ft	Sample Information								Coring Time (min./ft)	Moisture Content (%)	Strata Description	Symbol	Sample Description	
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval								
							0 - 6	6 - 12	12 - 18						18 - 24
	13	SS	24	19	60.0	2	3	7	12			Silt and Clay -44.3		[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
65															
	14	SS	24	23	65.0	4	11	12	10					[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
70															
	15	SS	24	20	70.0	4	8	9	9					[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
75															
	16	SS	24	21	75.0	4	6	8	8					[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)	
80															
	17	SS	24	10	80.0	29	21	13	12			80.0 Sand -64.3		[SM/SP] Grayish-brown course to fine SAND, little Gravel, little Silt (3a)	
85															
	18	SS	24	14	85.0	25	26	25	24					[SM] Gray fine SAND, little Silt, trace Gravel (3a)	
90															

Remarks

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-7**



D/B/A Geo**Design**, Inc. P.C.
Geotechnical | Construction | Environmental
Engineers and Scientists

241 West 30th St., 5th Fl.
New York, NY 10001

Tel: 212.221.6651
Fax: 212.221.6799

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Dave Dolan

GeoDesign Rep.: Andrew Stauble

Date Finished:

E. Coordinate:

Ground Surface Elevation (feet): 15.85

Offset: ft

BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-7**

Page No.: 4 of 5

File No.: 0518-023

Checked By: _____

Casing: Sampler:

Type: FJ SS

I.D.:	4.0 in.	2.0 in.
-------	---------	---------

Hammer Wt.: 140 lbs 140 lb

Hammer Fall: 30 in. 30 in

Rig Type: CME-75

Hammer Type: Safety - Cathead

Groundwater Observations

Date	Depth	Elev	Notes
------	-------	------	-------


	(ft)	(ft)	
--	------	------	--

[illegible]

	1	2	3	4
1	1			
2		1		
3			1	
4				1

Year	2000	2001	2002	2003
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
4	100	100	100	100
5	100	100	100	100
6	100	100	100	100
7	100	100	100	100
8	100	100	100	100
9	100	100	100	100
10	100	100	100	100
11	100	100	100	100
12	100	100	100	100
13	100	100	100	100
14	100	100	100	100
15	100	100	100	100
16	100	100	100	100
17	100	100	100	100
18	100	100	100	100
19	100	100	100	100
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69	100	100	100	100
70	100	100	100	100
71	100	100	100	100
72	100	100	100	100
73	100	100	100	100
74	100	100	100	100
75	100	100	100	100
76	100	100	100	100
77	100	100	100	100
78	100	100	100	100
79	100	100	100	100
8				

Year	1999	2000	2001	2002
1999	100	100	100	100
2000	100	100	100	100
2001	100	100	100	100
2002	100	100	100	100

Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)				Moisture Content (%)		
							0 - 6	6 - 12	12 - 18	18 - 24							
		19	SS	24	17	90.0	19	15	25	31			Sand (Continued)		[SM] Gray fine SAND, some Silt and Clay (3a)		
95																	
		20	SS	24	15	95.0	22	24	28	30							[SM] Grayish-brown medium to fine SAND, trace Silt (3a)
100																	
		21	SS	24	18	100.0	14	19	19	21			100.0			[SM/ML] Grayish-brown fine SAND and SILT, little Clay (3a/5a)	
105																	
110																	
		22	SS	15	6	110.0	23	38	50/3"	-			110.0			[SOFT ROCK] Dark gray course to fine SOFT ROCK, some Silt (1d)	
115																	
		1	C	60	17	115.0	[REC= 28%; RQD= 0%]				1.5					[SOFT ROCK/COBBLES] Multi-colored course to fine COBBLES and SOFT ROCK (1d)	
												1					
												3					
												5					
120												3.5		120.0			


High resistance drilling at 114.5': decided to take first core run at 115'.

Bottom
of Exploration
at 120.0 ft

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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Boring No.:	B-7
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Boring No.: **B-7**

<div> GEODESIGN INCORPORATED D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</div> <div>241 West 30th St., 5th Fl. New York, NY 10001</div> <div>Tel: 212.221.6651 Fax: 212.221.6799</div>														<div>BORING LOG</div> <div>Project Name</div> <div>Sendero Verde 69 East 111th Street Manhattan, NY</div>				<div>Boring No.: B-7</div> <div>Page No.: 5 of 5</div> <div>File No.: 0518-023</div> <div>Checked By: _____</div>																																																																																																																																																																																																																																																																																																																																																																																																																																															
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<table><tr><th rowspan="3">Depth (ft)</th><th rowspan="3">Casing Blows/ft</th><th colspan="8">Sample Information</th><th rowspan="3">Coring Time (min./ft)</th><th rowspan="3">Moisture Content (%)</th><th rowspan="3">Strata Description</th><th rowspan="3">Symbol</th><th rowspan="3">Sample Description</th></tr><tr><th rowspan="2">Number</th><th rowspan="2">Type</th><th rowspan="2">Penetration (inches)</th><th rowspan="2">Recovery (inches)</th><th rowspan="2">Depth (ft)</th><th colspan="4">Blows / 6 inch Interval</th></tr><tr><th>0 - 6</th><th>6 - 12</th><th>12 - 18</th><th>18 - 24</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> 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BORING LOG


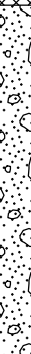

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-8**
Page No.: **1 of 4**
File No.: **0518-023**
Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 18, 2017 Date Finished: August 21, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 15.0
Station: _____ Offset: _____ ft

Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME-75</u>					
Hammer Type: <u>Safety - Cathead</u>					




Depth (ft)	Casing Blows/ft	Sample Information										Coring Time (min./ft)	Moisture Content (%)	Strata Description	Symbol	Sample Description
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval									
							0 - 6	6 - 12	12 - 18	18 - 24						
		1	SS	24	7	0.0	3	5	5	4			Depth & Elevation(feet)		Classification System: Modified Burmister	
													Fill		[FILL] Light brown SILT and BRICK FRAGMENTS (7)	
5																
		2	SS	24	15	5.0	10	7	5	6						
10													10.0			
		3	SS	24	0	10.0	25	22	18	12			Sand and Gravel		[SP/GP] Brown medium to coarse SAND and GRAVEL (3a/2a)	
15																
		4	SS	24	0	15.0	6	5	6	6						
20													20.0			
		5	SS	24	11	20.0	WOR	5	5	5		27.5	Silt and Sand		[SM] Brown fine SAND, little Silt (3b)	
25																
		6	SS	24	16	25.0	15	10	11	9						
30																









Remarks
No recovery in S-3; took 3" diameter spoon to obtain sample.
No recovery in S-4 in 2" and 3" diameter spoon. Took coarse gravel sample from drill cuttings.

Notes: 1) Stratification lines represent approximate boundary between material types, transitions may be gradual.
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4) Proportions Used: Trace = 1-10%; Little = 10-20%; Some = 20-35%; And = 35-50%

Boring No.: **B-8**

8 - NYC BORING LOG MC SENDERO VERDE GPJ GEODESIGN STANDARD. GDT 2/28/18

 <p style="margin: 0;">G E O D E S I G N I N C O R P O R A T E D D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists</p> <p>241 West 30th St., 5th Fl. Tel: 212.221.6651 New York, NY 10001 Fax: 212.221.6799</p>															<p>BORING LOG</p> <p>Project Name</p> <p style="text-align: center;">Sendero Verde 69 East 111th Street Manhattan, NY</p>					<p>Boring No.: B-8</p> <p>Page No.: 2 of 4</p> <p>File No.: 0518-023</p> <p>Checked By: _____</p>																																				
<p>Boring Company: <u>Craig Geotechnical Drilling, Co.</u></p> <p>Foreman: <u>Dave Dolan</u></p> <p>GeoDesign Rep.: <u>Andrew Stauble</u></p> <p>Date Started: <u>August 18, 2017</u> Date Finished: <u>August 21, 2017</u></p> <p>N. Coordinate: _____ E. Coordinate: _____</p> <p>Ground Surface Elevation (feet): <u>15.0</u></p> <p>Station: _____ Offset: _____ ft</p>										<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Casing:</th> <th style="text-align: left;">Sampler:</th> <th colspan="4" style="text-align: left;">Groundwater Observations</th> </tr> <tr> <td>Type: <u>FJ</u></td> <td><u>SS</u></td> <td>Date</td> <td>Depth (ft)</td> <td>Elev. (ft)</td> <td>Notes</td> </tr> <tr> <td>I.D.: <u>4.0 in.</u></td> <td><u>2.0 in.</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hammer Wt.: <u>140 lbs</u></td> <td><u>140 lbs</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hammer Fall: <u>30 in.</u></td> <td><u>30 in.</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Rig Type: <u>CME-75</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hammer Type: <u>Safety - Cathead</u></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Casing:	Sampler:	Groundwater Observations				Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes	I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>					Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>					Hammer Fall: <u>30 in.</u>	<u>30 in.</u>					Rig Type: <u>CME-75</u>						Hammer Type: <u>Safety - Cathead</u>					
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35		8	SS	24	15	35.0	4	4	7	6					[ML] Brown SILT, little Clay (5b)																																									
40		9	SS	24	20	40.0	4	4	7	5						[ML/CL] Grayish-brown varved SILT and CLAY (5b/4b)																																								
45		10	SS	24	22	45.0	4	3	5	5						[ML/CL] Grayish-brown varved SILT and CLAY (6)																																								
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75		16	SS	1	0	75.0	50/1"	-	-	-																																																																																																																						
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Geotechnical | Construction | Environmental
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Tel: 212.221.6651
Fax: 212.221.6799

Boring Company: Craig Geotechnical Drilling, Co.

Foreman: Dave Dolan

GeoDesign Rep.: Andrew Stauble

Date Finished: August 21, 2017

E. Coordinate:

Ground Surface Elevation (feet): 15.0

Offset: ft

BORING LOG

Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-8**

Page No.: 4 of 4

File No.: 0518-023

Checked By: _____

Casing: Sampler:

Type: FJ SS

I.D.:	4.0 in.	2.0 in.
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Hammer Wt.: 140 lbs 140 lb

Hammer Fall: 30 in. 30 in

Rig Type: CME-75

Hammer Type: Safety - Cathead

Groundwater Observations

Date	Depth	Elev	Notes
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	(ft)	(ft)	
--	------	------	--

	1	2	3	4
1	1			
2		1		
3			1	
4				1

	1	2	3	4
1	1			
2		1		
3			1	
4				1

[illegible]

Year	1999	2000	2001	2002
1999	100	100	100	100
2000	100	100	100	100
2001	100	100	100	100
2002	100	100	100	100

[illegible]

Slight rig chatter/drilling resistance at 105' to 108'; assumed soft rock.
Decided to take first core run at 108' due to continuous rig chatter and drilling resistance.

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Boring No.: **B-8**



BORING LOG


Project Name

Sendero Verde
69 East 111th Street
Manhattan, NY

Boring No.: **B-9**
Page No.: **1 of 4**
File No.: **0518-023**
Checked By: _____

Boring Company: Craig Geotechnical Drilling, Co.
Foreman: Dave Dolan
GeoDesign Rep.: Andrew Stauble
Date Started: August 22, 2017 Date Finished: August 23, 2017
N. Coordinate: _____ E. Coordinate: _____
Ground Surface Elevation (feet): 15.7
Station: _____ Offset: _____ ft

Casing:	Sampler:	Groundwater Observations			
Type: <u>FJ</u>	<u>SS</u>	Date	Depth (ft)	Elev. (ft)	Notes
I.D.: <u>4.0 in.</u>	<u>2.0 in.</u>				
Hammer Wt.: <u>140 lbs</u>	<u>140 lbs</u>				
Hammer Fall: <u>30 in.</u>	<u>30 in.</u>				
Rig Type: <u>CME-75</u>					
Hammer Type: <u>Safety - Cathead</u>					


Depth (ft)	Casing Blows/ft	Sample Information										Strata Description	Symbol	Sample Description			
		Number	Type	Penetration (inches)	Recovery (inches)	Depth (ft)	Blows / 6 inch Interval				Coring Time (min./ft)			Moisture Content (%)	Classification System: Modified Burmister		
							0 - 6	6 - 12	12 - 18	18 - 24							
		1	SS	24	13	0.0	3	11	11	10			Fill		[FILL] Reddish-brown fine SAND, some Brick Fragments (7)		
5																	
		2	SS	24	6	5.0	8	11	15	4							[FILL] Course to fine BRICK FRAGMENTS, little Gravel (7)
10																	
		3	SS	24	14	10.0	14	16	17	14							[FILL] Brown course to fine SAND and BRICK FRAGMENTS, little Gravel (7)
15													15.0				
		4	SS	24	3	15.0	6	7	6	8				0.7%	[GP] Multi-colored medium to course GRAVEL (2b)		
20													20.0				
		5	SS	24	8	20.0	11	9	12	11				-4.3%	[SM] Brown fine SAND, trace Silt (3b)		
25													25.0				
		6	SS	24	4	25.0	12	9	13	11				-9.3%	[ML] Reddish-brown SILT, trace Sand (5b)		
30													30.0				






Cobbles/course gravel noticed in cuttings while drilling to 20' depth.

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Boring No.: **B-9**

8 - NYC BORING LOG MC SENDERO VERDE GPJ GEODESIGN STANDARD GDT 2/28/18

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 G E O D E S I G N I N C O R P O R A T E D D/B/A GeoDesign, Inc. P.C. Geotechnical Construction Environmental Engineers and Scientists 241 West 30th St., 5th Fl. New York, NY 10001															BORING LOG										Boring No.: B-9																																																																																																							
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APPENDIX B
LABORATORY TEST RESULTS

GeoDesign Inc. #0518-023
Sendero Verde Borings
LABORATORY TESTING DATA SUMMARY

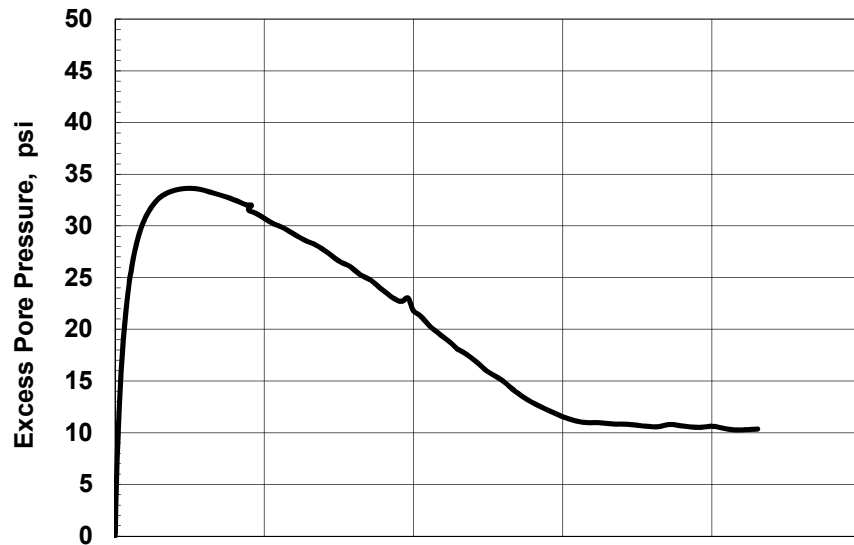
BORING NO.	SAMPLE NO.	DEPTH (ft)	IDENTIFICATION TESTS							STRENGTH			CONSOLIDATION			REMARKS / TEST ID
			WATER CONTENT (%)	LIQUID LIMIT (-)	PLASTIC LIMIT (-)	PLAS. INDEX (-)	USCS SYMB. (1)	TOTAL UNIT WEIGHT (pcf)	DRY UNIT WEIGHT (pcf)	Type Test	PEAK SHEAR STRESS (psi)	AXIAL STRAIN @ PEAK STRESS (%)	Method	INITIAL CONDITIONS		
														VOID RATIO (-)	SATUR- ATION (%)	
B-4	U-1	37-39						121.1								
B-4	U-1	37.15	31.4													
B-4	U-1	37.7	28.6													
B-4	U-1	38.25	31.1													
B-4	U-1C	38.5	30.1	26	20	6	CL-ML	121.3	93.2				D2435	0.882	96	C17187
B-4	U-2	52-54						121.9								
B-4	U-2	52.4	30.8													
B-4	U-2	52.95	31.5													
B-4	U-2	53.25	32.4	31	20	11	CL	121.2	91.6	CU'@50	47.8	14.1				T4267
B-5	U-2	52-54						125.3								
B-5	U-2	52.25	31.3													
B-5	U-2	53.05	36.6													
B-5	U-2B	53.05	27.0	27	22	5	ML	124.7	98.2				D2435	0.767	98	C17188
B-10	U-1	37-39						128.6								
B-10	U-1	37.2	26.9													
B-10	U-1	37.75	25.6													
B-10	U-1	38.05	24.3	-	21	NP	ML	127.4	102.5	CU'@40	112.5	19.0				T4268
B-10	U-2	67-69						120.6								
B-10	U-2	67.15	28.6													
B-10	U-2	67.7	32.0													
B-10	U-2B	67.95	33.8	34	18	16	CL	118.2	88.4				D2435	1.027	94	C17189
B-10	U-2	68.25	31.0													

Note: (1) USCS symbol based on visual observation and Atterberg limits reported.

Prepared by: NG
Reviewed by: GET
Date: 8/31/2017

TerraSense, LLC
45H Commerce Way
Totowa, NJ 07512

Project No.: 8110-17009
File: Indx9.xlsx
Page 1 of 1



SAMPLE INFORMATION

Boring: B-4 Sample: U-2 Depth: 53.25 ft
 Type: Intact tube sample
 Description: CL, Varved brown clay and silt
 LL = 31 PL = 20 PI = 11

SPECIMEN INFORMATION (Initial)

Height: 5.93 inch Diameter: 2.94 inch Area: 6.79 in²
 Water Content: 32.3 % Total Unit Weight: 121.2 pcf

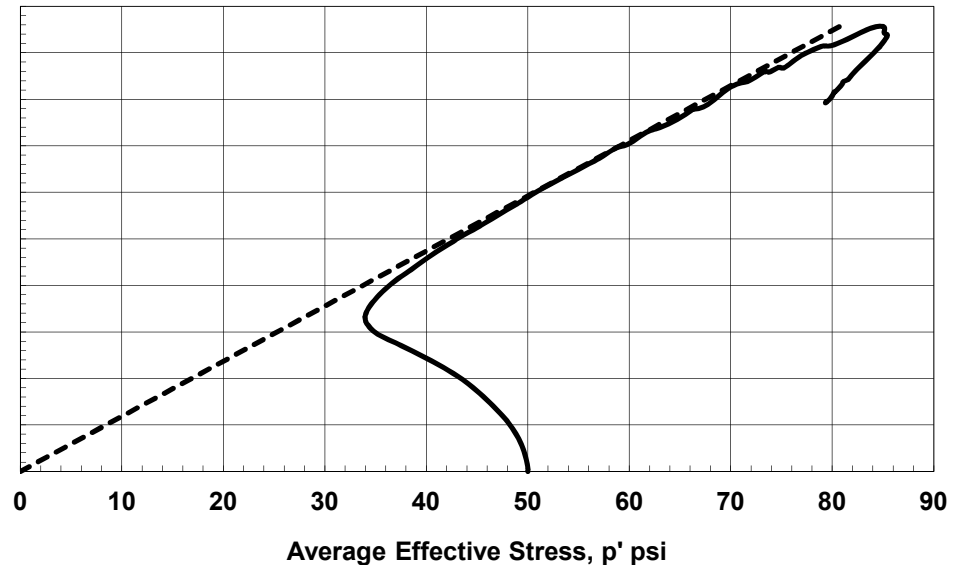
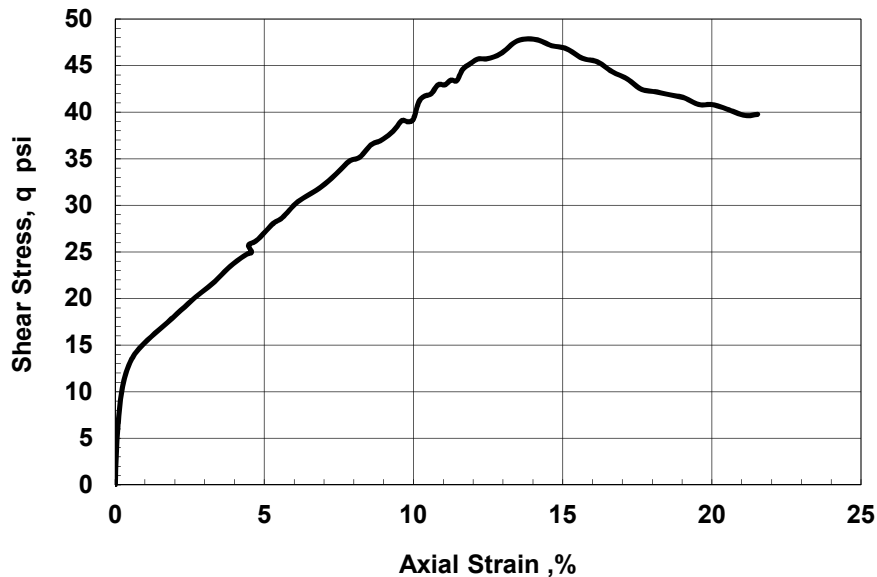
TEST SUMMARY

Consolidation Stresses: 50.00 psi vertical, 50.00 psi lateral
 Water Content: 28.0 % Total Unit Weight: 125.4 pcf
 B Coefficient: 99.9 Strain Rate: 0.010 %/min
 Peak Shear Strength: 47.81 psi @ 14.1 % Strain
 Peak Effective Friction Angle: 36.3°



Failure Sketch

REMARKS:



Test by: BB

Checked by: GET

GeoDesign Inc.

TerraSense, LLC

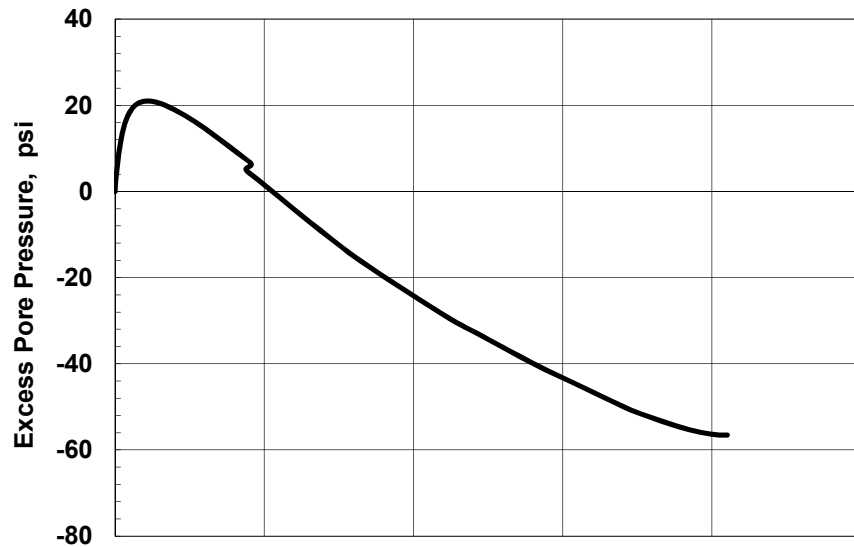
Project No.
0518-023

Project No.
8110-17009

Sendero Verde Borings

**CONSOLIDATED UNDRAINED
 TRIAXIAL COMPRESSION**

with Pore Pressure Measurements
 Boring: B-4 Sample: U-2 Depth: 53.25 ft



SAMPLE INFORMATION

Boring: B-10 Sample: U-1 Depth: 38.05 ft

Type: Intact tube sample

Description: ML, Red-brown silt

LL = - PL = 21 PI = NP

SPECIMEN INFORMATION (Initial)

Height: 5.97 inch Diameter: 2.87 inch Area: 6.45 in²

Water Content: 24.3 % Total Unit Weight: 127.4 pcf

TEST SUMMARY

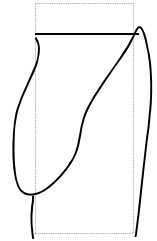
Consolidation Stresses: 40.00 psi vertical, 40.00 psi lateral

Water Content: 22.9 % Total Unit Weight: 130.8 pcf

B Coefficient: 99.9 Strain Rate: 0.019 %/min

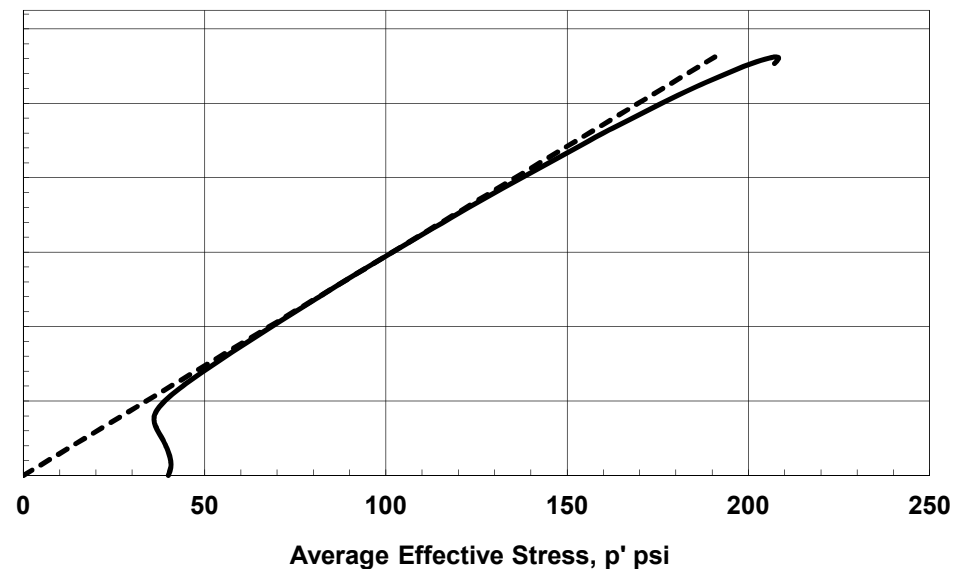
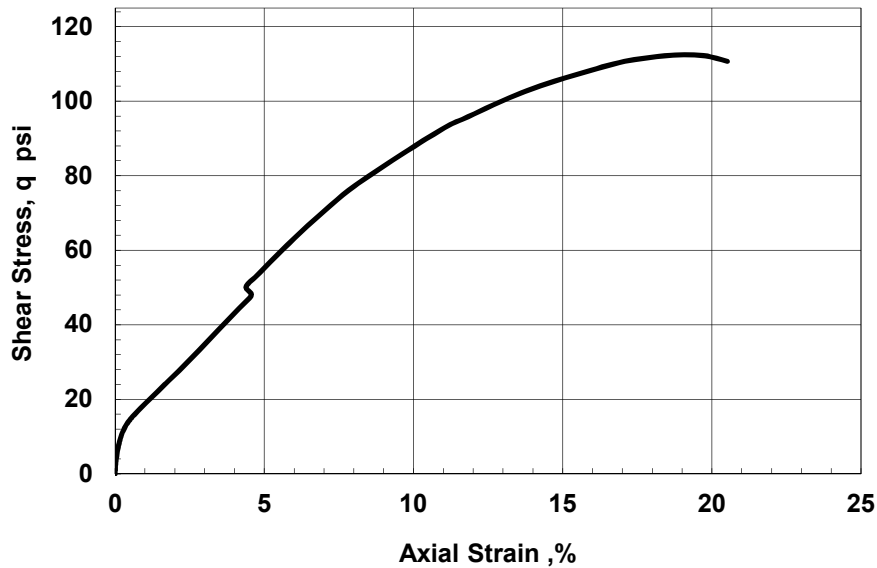
Peak Shear Strength: 112.46 psi @ 19.0 % Strain

Peak Effective Friction Angle: 36.1°



Failure Sketch

REMARKS:



Test by: BB

Checked by: GET

GeoDesign Inc.

TerraSense, LLC

Project No.
0518-023

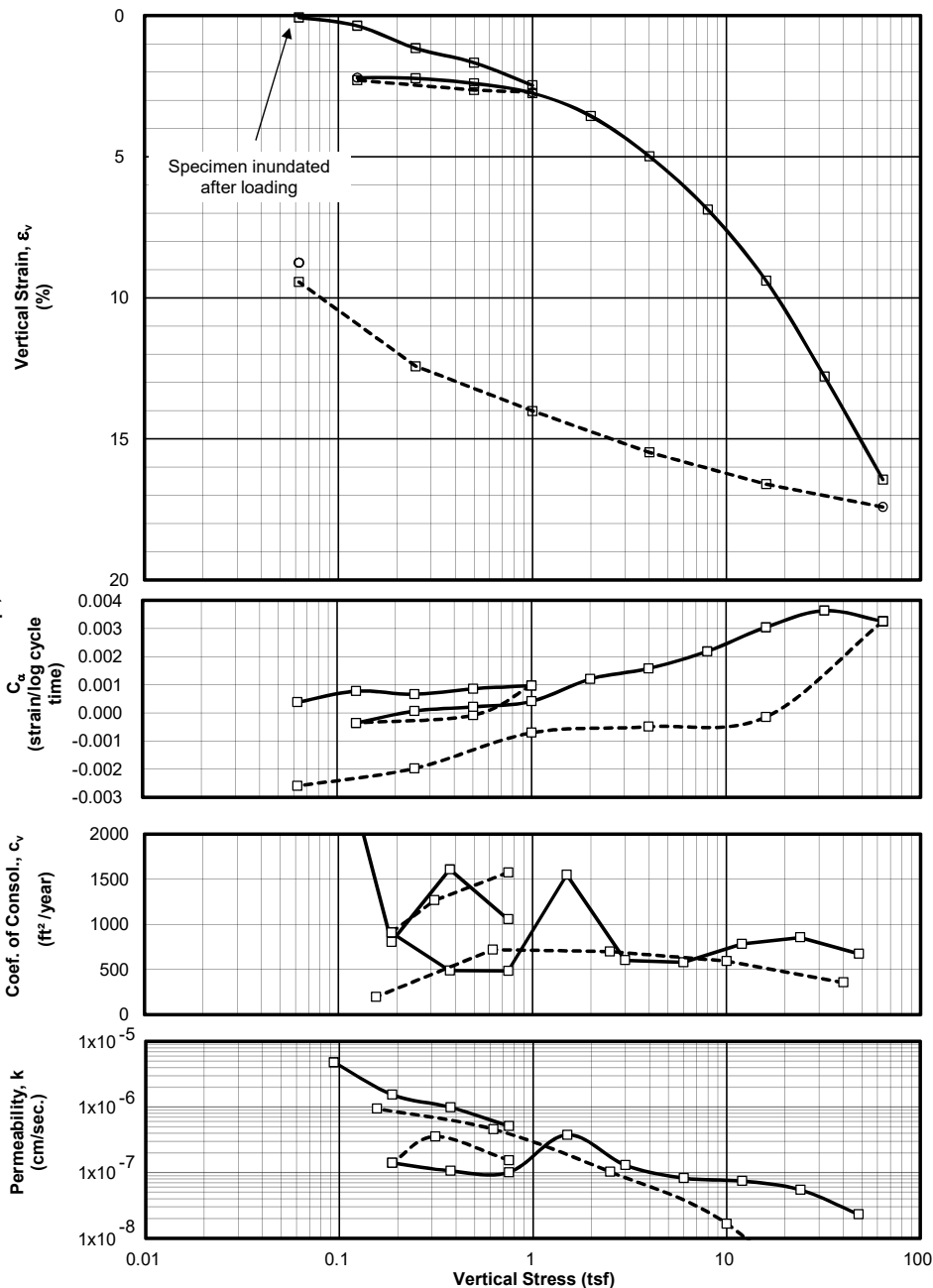
Project No.
8110-17009

Sendero Verde Borings

**CONSOLIDATED UNDRAINED
TRIAXIAL COMPRESSION**

with Pore Pressure Measurements

Boring: B-10 Sample: U-1 Depth: 38.05 ft



SAMPLE INFORMATION

Boring: B-4
 Sample: U-1C
 Depth: 38.50 feet
 Elevation:
 Type: 3-inch thin wall tube
 Description: CL-ML, grayish brown silty clay with sand; varved

LL = 26, PL = 20, PI = 6

SPECIMEN INFORMATION

(NOTE: Initial and final states refer to beginning and end of test)

Initial height: 0.61 inch
 Diameter: 2.50 inch

Initial water content: 30.1 %
 Initial total unit weight: 121.3 pcf
 Initial dry unit weight: 93.2 pcf
 Initial void ratio: 0.882
 Initial degree of saturation: 96 %

Final water content: 28.5 %
 Final total unit weight: 125.2 pcf
 Final dry unit weight: 97.4 pcf
 Final void ratio: 0.801
 Final degree of saturation: 100 % (assumed specific gravity = 2.81)

TEST SUMMARY

Construction Method: Casagrande (Log)
 Estimated preconsolidation stress (tsf): 6.1 (Range: 5.4 to 6.9)
 Estimated in situ effective overburden stress (tsf):
 Compression Ratio (strain per log cycle stress): 0.121
 Compression Index (void ratio per log cycle stress): 0.228
 Swell Ratio (strain per log cycle stress): 0.006
 Swell Index (void ratio per log cycle stress): 0.011
 Recompression Ratio (strain per log cycle stress): 0.005
 Recompression Index (void ratio per log cycle stress): 0.009
 Remarks:

LEGEND: □ End of primary ○ End of Stage — Loading - - - - - Unloading

Test Date: 8/22/17 Tested By: CMJ/FN Checked By: GET

GeoDesign Inc. Project No. 0518-023	Sendero Verde Borings	ONE DIMENSIONAL CONSOLIDATION TEST Boring: B-4 Depth: 38.50 feet
TerraSense, LLC	Project No. 8110-17009	August 2017

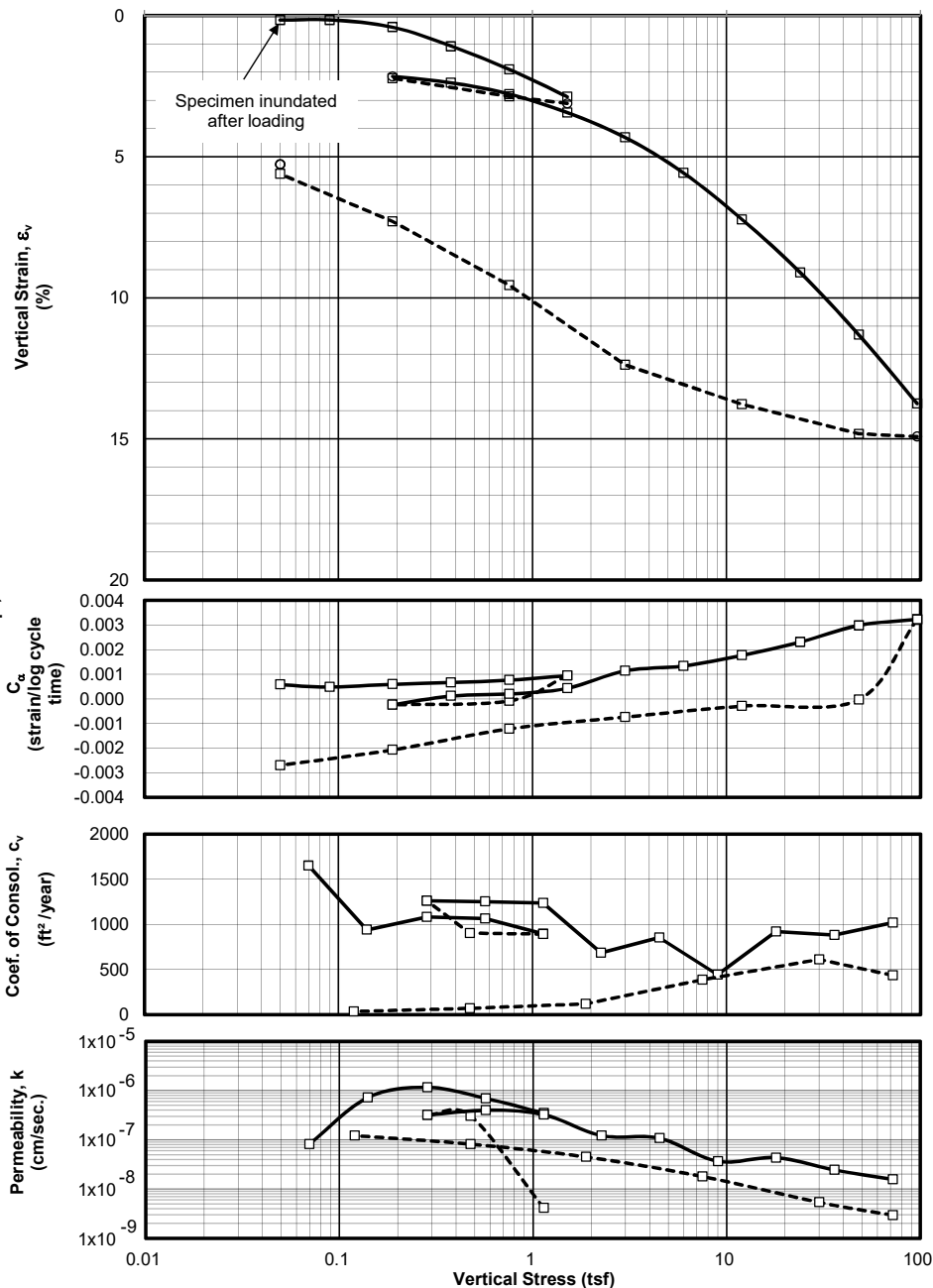
PROJECT:	Sendero Verde Borings				
PROJECT NO.:	8110-17009	Initial height:	0.608 inch	Final height:	0.582 inch
BORING:	B-4	Initial water content:	30.1 %	Final water content:	28.5 %
SAMPLE:	U-1C	Initial dry density:	93.2 pcf	Final dry density:	97.4 pcf
TEST:	C17187	Initial total density:	121.3 pcf	Final total density:	125.2 pcf
DEPTH, feet:	38.5	Initial saturation:	96 %	Final saturation:	100 %
BY:	CMJ/FN	Initial void ratio:	0.882	Final void ratio:	0.801
TEST DATE:	8/22/2017			Final strain:	4.3 %

EQUIPMENT: SPECIMEN DESCRIPTION: CL-ML, grayish brown silty clay with sand; varved

Load Frame No.: 2
Ring Diameter: 2.5 inch

G	LL	PL	PI
2.81	26	20	6

Load No.	Load (tsf)	d ₁₀₀ (inch)	t ₁₀₀ Strain (%)	t ₁₀₀ Void Ratio (-)	Final Strain (%)	Final Void Ratio (-)	c _v (ft ² /year)	C _α (strain/logt)	Constrained Modulus (tsf)	Permeability (cm/sec)
1	0.063	0.0004	0.066	0.880	-0.033	0.882	2212.14	0.0004	94.97	7.03E-07
2	0.125	0.0022	0.367	0.875	0.729	0.868	3297.13	0.0008	20.72	4.80E-06
3	0.250	0.0071	1.164	0.860	1.383	0.856	802.33	0.0007	15.69	1.54E-06
4	0.500	0.0102	1.673	0.850	1.936	0.845	1607.27	0.0009	49.14	9.87E-07
5	1.00	0.0151	2.477	0.835	2.724	0.830	1054.78	0.0010	62.17	5.12E-07
6	0.500	0.0160	2.640	0.832	2.624	0.832	1572.64	-0.0001	306.70	1.55E-07
7	0.125	0.0139	2.291	0.839	2.209	0.840	1265.43	-0.0004	107.60	3.55E-07
8	0.250	0.0135	2.227	0.840	2.244	0.839	907.51	0.0001	194.37	1.41E-07
9	0.500	0.0146	2.408	0.836	2.457	0.835	486.69	0.0002	138.28	1.06E-07
10	1.00	0.0167	2.753	0.830	2.852	0.828	483.42	0.0004	144.79	1.01E-07
11	2.00	0.0216	3.561	0.815	3.890	0.808	1547.23	0.0012	123.82	3.77E-07
12	4.00	0.0303	4.990	0.788	5.418	0.780	601.12	0.0016	139.92	1.30E-07
13	8.00	0.0418	6.880	0.752	7.588	0.739	578.29	0.0022	211.63	8.24E-08
14	16.0	0.0571	9.396	0.705	10.120	0.691	783.32	0.0030	318.05	7.43E-08
15	32.0	0.0777	12.790	0.641	13.695	0.624	853.90	0.0036	471.40	5.46E-08
16	64.0	0.0999	16.437	0.572	17.407	0.554	672.93	0.0033	877.46	2.31E-08
17	16.0	0.1009	16.598	0.569	16.565	0.570	355.05	-0.0001	29716.37	3.60E-10
18	4.00	0.0941	15.476	0.590	15.345	0.593	591.43	-0.0005	1069.72	1.67E-08
19	1.00	0.0851	14.009	0.618	13.878	0.621	696.94	-0.0007	204.46	1.03E-07
20	0.250	0.0755	12.427	0.648	11.818	0.659	718.02	-0.0020	47.39	4.57E-07
21	0.063	0.0574	9.446	0.704	8.755	0.717	196.37	-0.0026	6.29	9.42E-07



SAMPLE INFORMATION

Boring: B-5
 Sample: U-2B
 Depth: 53.05 feet
 Elevation:
 Type: 3-inch thin wall tube
 Description: ML, reddish brown silt; varved

LL = 27, PL = 22, PI = 5

SPECIMEN INFORMATION

(NOTE: Initial and final states refer to beginning and end of test)

Initial height: 0.61 inch
 Diameter: 2.50 inch

Initial water content: 27.0 %
 Initial total unit weight: 124.7 pcf
 Initial dry unit weight: 98.2 pcf
 Initial void ratio: 0.767
 Initial degree of saturation: 98 %

Final water content: 26.4 %
 Final total unit weight: 126.5 pcf
 Final dry unit weight: 100.1 pcf
 Final void ratio: 0.734
 Final degree of saturation: 100 % (assumed specific gravity = 2.78)

TEST SUMMARY

Construction Method: Casagrande (Log)
 Estimated preconsolidation stress (tsf): 8.0 (Range: 6.4 to 9.0)
 Estimated in situ effective overburden stress (tsf):
 Compression Ratio (strain per log cycle stress): 0.081
 Compression Index (void ratio per log cycle stress): 0.143
 Swell Ratio (strain per log cycle stress): 0.011
 Swell Index (void ratio per log cycle stress): 0.019
 Recompression Ratio (strain per log cycle stress): 0.013
 Recompression Index (void ratio per log cycle stress): 0.023
 Remarks:

LEGEND: □ End of primary ○ End of Stage — Loading - - - - - Unloading

Test Date: 8/22/17 Tested By: CMJ Checked By: GET

GeoDesign Inc. Project No. 0518-023	Sendero Verde Borings	ONE DIMENSIONAL CONSOLIDATION TEST Boring: B-5 Depth: 53.05 feet
TerraSense, LLC	Project No. 8110-17009	August 2017

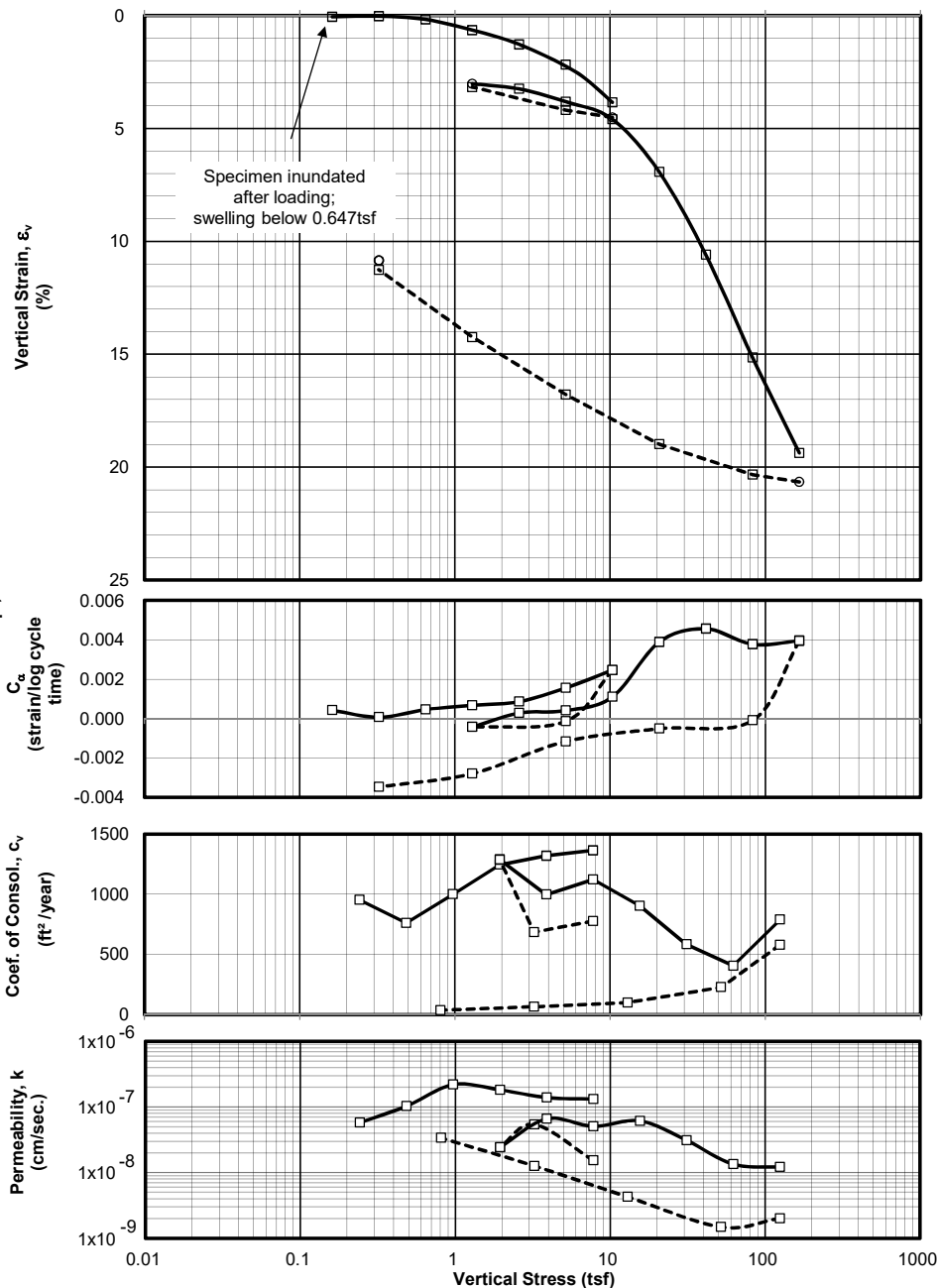
PROJECT:	Sendero Verde Borings		
PROJECT NO.:	8110-17009	Initial height:	0.607 inch
BORING:	B-5	Initial water content:	27.0 %
SAMPLE:	U-2B	Initial dry density:	98.2 pcf
TEST:	C17188	Initial total density:	124.7 pcf
DEPTH, feet:	53.05	Initial saturation:	98 %
BY:	CMJ	Initial void ratio:	0.767
TEST DATE:	8/22/2017	Final height:	0.595 inch
		Final water content:	26.4 %
		Final dry density:	100.1 pcf
		Final total density:	126.5 pcf
		Final saturation:	100 %
		Final void ratio:	0.734
		Final strain:	1.9 %

EQUIPMENT: SPECIMEN DESCRIPTION: ML, reddish brown silt; varved

Load Frame No.: 2
Ring Diameter: 2.5 inch

G LL PL PI
2.78 27 22 5

Load No.	Load (tsf)	d ₁₀₀ (inch)	t ₁₀₀ Strain (%)	t ₁₀₀ Void Ratio (-)	Final Strain (%)	Final Void Ratio (-)	c _v (ft ² /year)	C _α (strain/logt)	Constrained Modulus (tsf)	Permeability (cm/sec)
1	0.050	0.0010	0.165	0.764	0.247	0.763	27.29	0.0006	30.33	2.71E-08
2	0.090	0.0010	0.158	0.764	0.340	0.761	1650.05	0.0005	606.60	8.21E-08
3	0.190	0.0025	0.412	0.760	0.544	0.757	938.72	0.0006	39.39	7.19E-07
4	0.380	0.0066	1.088	0.748	1.269	0.745	1080.73	0.0007	28.11	1.16E-06
5	0.760	0.0116	1.911	0.733	2.092	0.730	1063.92	0.0008	46.19	6.95E-07
6	1.51	0.0175	2.880	0.716	3.111	0.712	893.42	0.0009	77.37	3.48E-07
7	0.760	0.0174	2.868	0.716	2.803	0.718	891.21	-0.0001	6499.29	4.14E-09
8	0.190	0.0135	2.225	0.728	2.159	0.729	902.14	-0.0002	88.60	3.07E-07
9	0.380	0.0145	2.384	0.725	2.417	0.724	1261.01	0.0001	119.32	3.19E-07
10	0.760	0.0169	2.786	0.718	2.852	0.717	1251.08	0.0002	94.60	3.99E-07
11	1.51	0.0209	3.440	0.706	3.556	0.704	1235.14	0.0004	114.60	3.25E-07
12	3.00	0.0262	4.319	0.691	4.698	0.684	683.55	0.0011	169.57	1.22E-07
13	6.00	0.0338	5.574	0.669	5.903	0.663	852.28	0.0013	239.13	1.08E-07
14	12.0	0.0438	7.222	0.639	7.585	0.633	441.87	0.0018	363.96	3.66E-08
15	24.0	0.0552	9.103	0.606	9.713	0.595	918.47	0.0023	637.97	4.34E-08
16	48.0	0.0686	11.303	0.567	12.210	0.551	881.87	0.0030	1091.09	2.44E-08
17	96.0	0.0834	13.747	0.524	14.917	0.503	1017.97	0.0032	1963.97	1.56E-08
18	48.0	0.0899	14.820	0.505	14.820	0.505	435.63	0.0000	4472.63	2.94E-09
19	12.0	0.0835	13.768	0.524	13.669	0.525	608.49	-0.0003	3422.82	5.36E-09
20	3.00	0.0751	12.374	0.548	12.192	0.552	383.66	-0.0007	645.32	1.79E-08
21	0.760	0.0580	9.558	0.598	9.245	0.604	118.23	-0.0012	79.55	4.48E-08
22	0.190	0.0443	7.296	0.638	7.098	0.642	68.24	-0.0021	25.20	8.17E-08
23	0.050	0.0341	5.615	0.668	5.268	0.674	33.50	-0.0027	8.33	1.21E-07



SAMPLE INFORMATION

Boring: B-10
Sample: U-2B
Depth: 67.95 feet
Elevation:
Type: 3-inch thin wall tube
Description: CL, reddish brown lean clay; varved

LL = 34, PL = 18, PI = 16

SPECIMEN INFORMATION

(NOTE: Initial and final states refer to beginning and end of test)

Initial height: 0.62 inch
Diameter: 2.50 inch

Initial water content: 33.8 %
Initial total unit weight: 118.2 pcf
Initial dry unit weight: 88.4 pcf
Initial void ratio: 1.027
Initial degree of saturation: 94 %

Final water content: 31.2 %
Final total unit weight: 124.2 pcf
Final dry unit weight: 94.6 pcf
Final void ratio: 0.893
Final degree of saturation: 100 % (assumed specific gravity = 2.87)

TEST SUMMARY

Construction Method: Casagrande (Log)
Estimated preconsolidation stress (tsf): 18.9 (Range: 13.0 to 19.3)
Estimated in situ effective overburden stress (tsf):
Compression Ratio (strain per log cycle stress): 0.151
Compression Index (void ratio per log cycle stress): 0.306
Swell Ratio (strain per log cycle stress): 0.017
Swell Index (void ratio per log cycle stress): 0.034
Recompression Ratio (strain per log cycle stress): 0.016
Recompression Index (void ratio per log cycle stress): 0.032
Remarks:

LEGEND: □ End of primary ○ End of Stage — Loading - - - - - Unloading

Test Date: 8/23/17 Tested By: CMJ/FN Checked By: GET

GeoDesign Inc. Project No. 0518-023	Sendero Verde Borings	ONE DIMENSIONAL CONSOLIDATION TEST Boring: B-10 Depth: 67.95 feet
TerraSense, LLC	Project No. 8110-17009	August 2017

PROJECT:	Sendero Verde Borings		
PROJECT NO.:	8110-17009	Initial height:	0.618 inch
BORING:	B-10	Initial water content:	33.8 %
SAMPLE:	U-2B	Initial dry density:	88.4 pcf
TEST:	C17189	Initial total density:	118.2 pcf
DEPTH, feet:	67.95	Initial saturation:	94 %
BY:	CMJ/FN	Initial void ratio:	1.027
TEST DATE:	8/23/2017	Final height:	0.577 inch
		Final water content:	31.2 %
		Final dry density:	94.6 pcf
		Final total density:	124.2 pcf
		Final saturation:	100 %
		Final void ratio:	0.893
		Final strain:	6.6 %

EQUIPMENT: SPECIMEN DESCRIPTION: CL, reddish brown lean clay; varved

Load Frame No.: 4
Ring Diameter: 2.5 inch

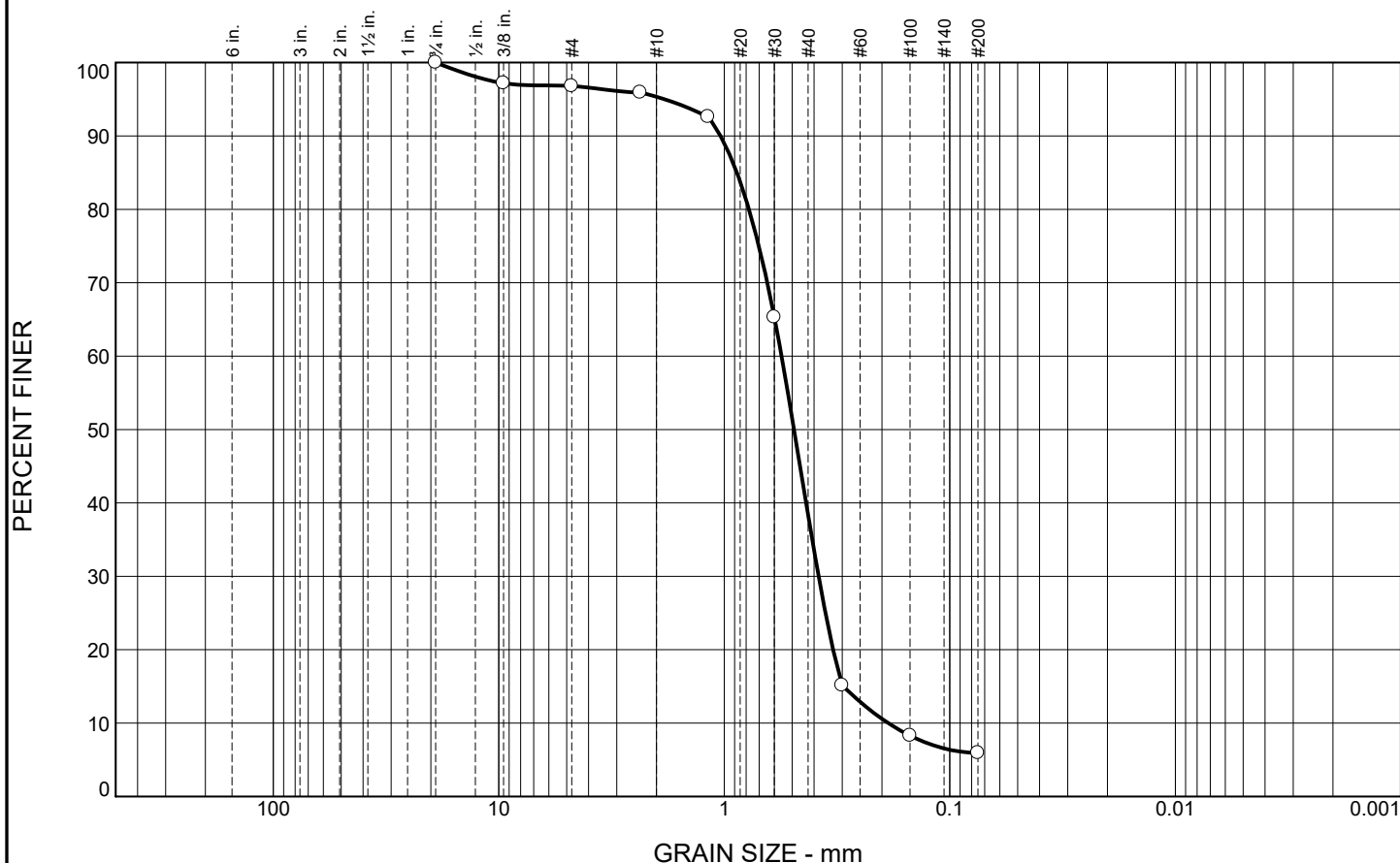
G	LL	PL	PI
2.87	34	18	16

Load No.	Load (tsf)	d ₁₀₀ (inch)	t ₁₀₀ Strain (%)	t ₁₀₀ Void Ratio (-)	Final Strain (%)	Final Void Ratio (-)	c _v (ft ² /year)	C _α (strain/logt)	Constrained Modulus (tsf)	Permeability (cm/sec)
1	0.162	0.0004	0.065	1.026	0.097	1.025	581.45	0.0004	250.29	7.01E-08
2	0.323	0.0002	0.032	1.026	0.000	1.027	953.55	0.0001	497.49	5.78E-08
3	0.647	0.0011	0.178	1.023	0.324	1.020	761.61	0.0005	222.48	1.03E-07
4	1.29	0.0040	0.647	1.014	0.890	1.009	999.21	0.0007	137.66	2.19E-07
5	2.59	0.0079	1.278	1.001	1.521	0.996	1243.98	0.0009	205.05	1.83E-07
6	5.17	0.0135	2.184	0.983	2.589	0.975	1318.56	0.0016	285.49	1.39E-07
7	10.4	0.0238	3.851	0.949	4.515	0.936	1364.08	0.0025	310.56	1.33E-07
8	5.17	0.0259	4.191	0.942	4.159	0.943	776.47	-0.0001	1523.22	1.54E-08
9	1.29	0.0196	3.172	0.963	3.026	0.966	685.23	-0.0004	380.71	5.43E-08
10	2.59	0.0201	3.252	0.961	3.317	0.960	1288.69	0.0003	1599.38	2.43E-08
11	5.17	0.0236	3.819	0.950	3.916	0.948	996.39	0.0004	456.79	6.58E-08
12	10.4	0.0284	4.595	0.934	4.887	0.928	1121.97	0.0011	666.41	5.08E-08
13	20.7	0.0428	6.926	0.887	7.880	0.867	903.50	0.0039	444.19	6.14E-08
14	41.4	0.0655	10.595	0.812	11.776	0.788	582.68	0.0046	563.90	3.12E-08
15	82.8	0.0936	15.148	0.720	16.313	0.696	405.32	0.0038	909.05	1.35E-08
16	165.6	0.1197	19.370	0.634	20.648	0.608	788.43	0.0039	1961.57	1.21E-08
17	82.8	0.1256	20.325	0.615	20.292	0.616	578.99	-0.0001	8675.04	2.01E-09
18	20.7	0.1173	18.982	0.642	18.868	0.645	226.81	-0.0005	4622.34	1.48E-09
19	5.17	0.1037	16.781	0.687	16.490	0.693	99.86	-0.0012	705.52	4.27E-09
20	1.29	0.0880	14.240	0.738	13.933	0.745	64.08	-0.0028	152.77	1.27E-08
21	0.323	0.0696	11.263	0.799	10.842	0.807	36.45	-0.0035	32.58	3.38E-08



**Unuseble sample for testing Large piece of gravel and no fines.

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	3.2	1.5	57.0	32.4	5.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.75	100.0		
.375	97.2		
#4	96.8		
#8	95.9		
#16	92.6		
#30	65.3		
#50	15.1		
#100	8.3		
#200	5.9		

* (no specification provided)

Material Description

Brown poorly graded SAND with silt\clay

Atterberg Limits

LL= PL= PI=

Coefficients

D₈₅= 0.8789 D₆₀= 0.5574 D₅₀= 0.4907
D₃₀= 0.3818 D₁₅= 0.2967 D₁₀= 0.1874
C_u= 2.97 C_c= 1.40

Classification

USCS= SP-SM\SC

Remarks

Water Content (WC): 25.1%

Source of Sample: B-2
Sample Number: S-5

Depth: 20'-22'

Date: 9/13/17

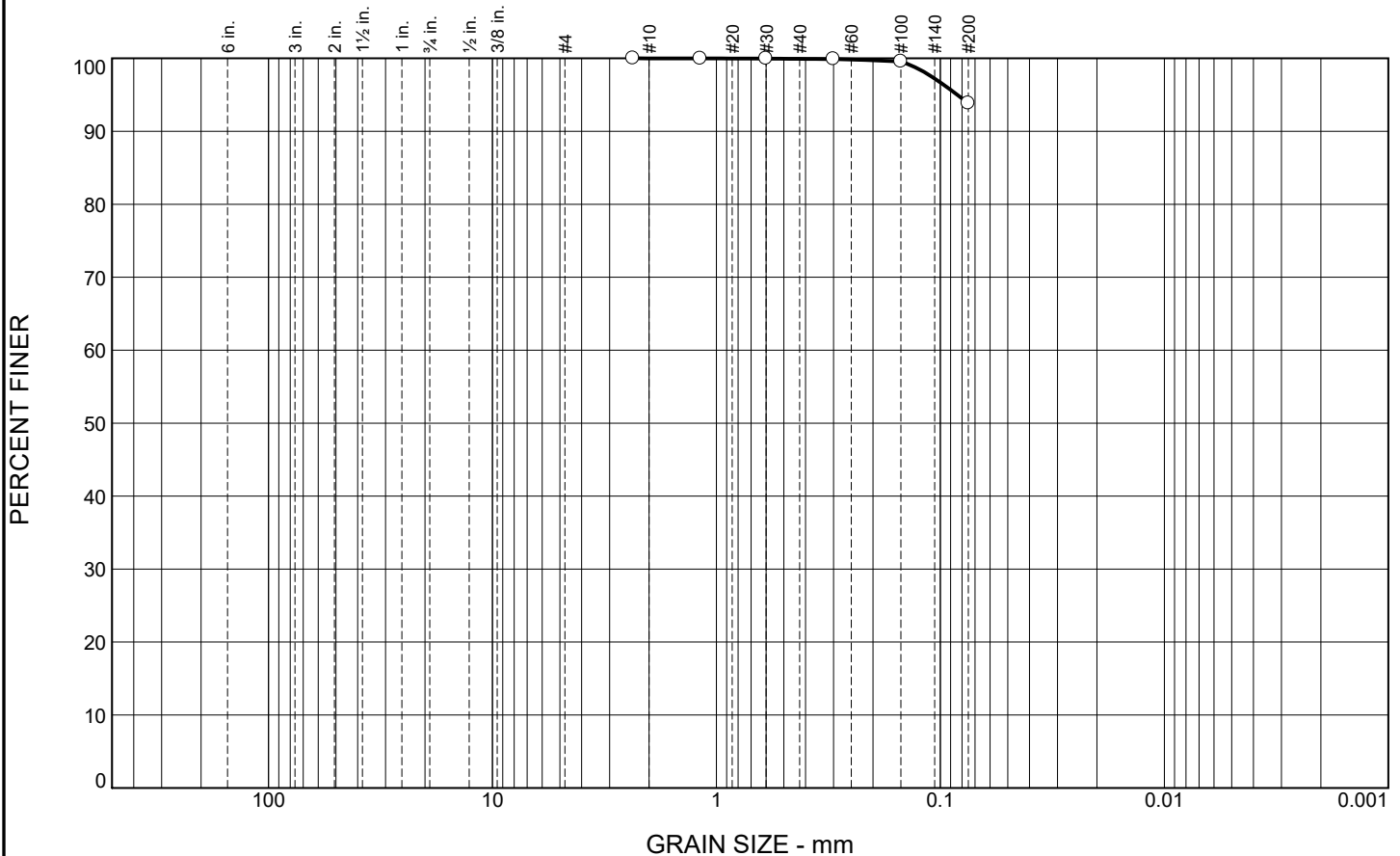


Client: GeoDesign, Inc.
Project: Sendero Verde
Manhattan, NY

Project No: 768029

Plate PSA-1

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	6.1	93.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#8	100.0		
#16	100.0		
#30	100.0		
#50	99.9		
#100	99.6		
#200	93.8		

* (no specification provided)

Material Description

Brown SILT\CLAY

Atterberg Limits

LL= PL= PI=

Coefficients

D₈₅= D₆₀= D₅₀=
D₃₀= D₁₅= D₁₀=
C_u= C_c=

Classification

USCS= CL:H\ML:H

Remarks

WC: 31.5%

Source of Sample: B-4
Sample Number: S-7

Depth: 30'-32'

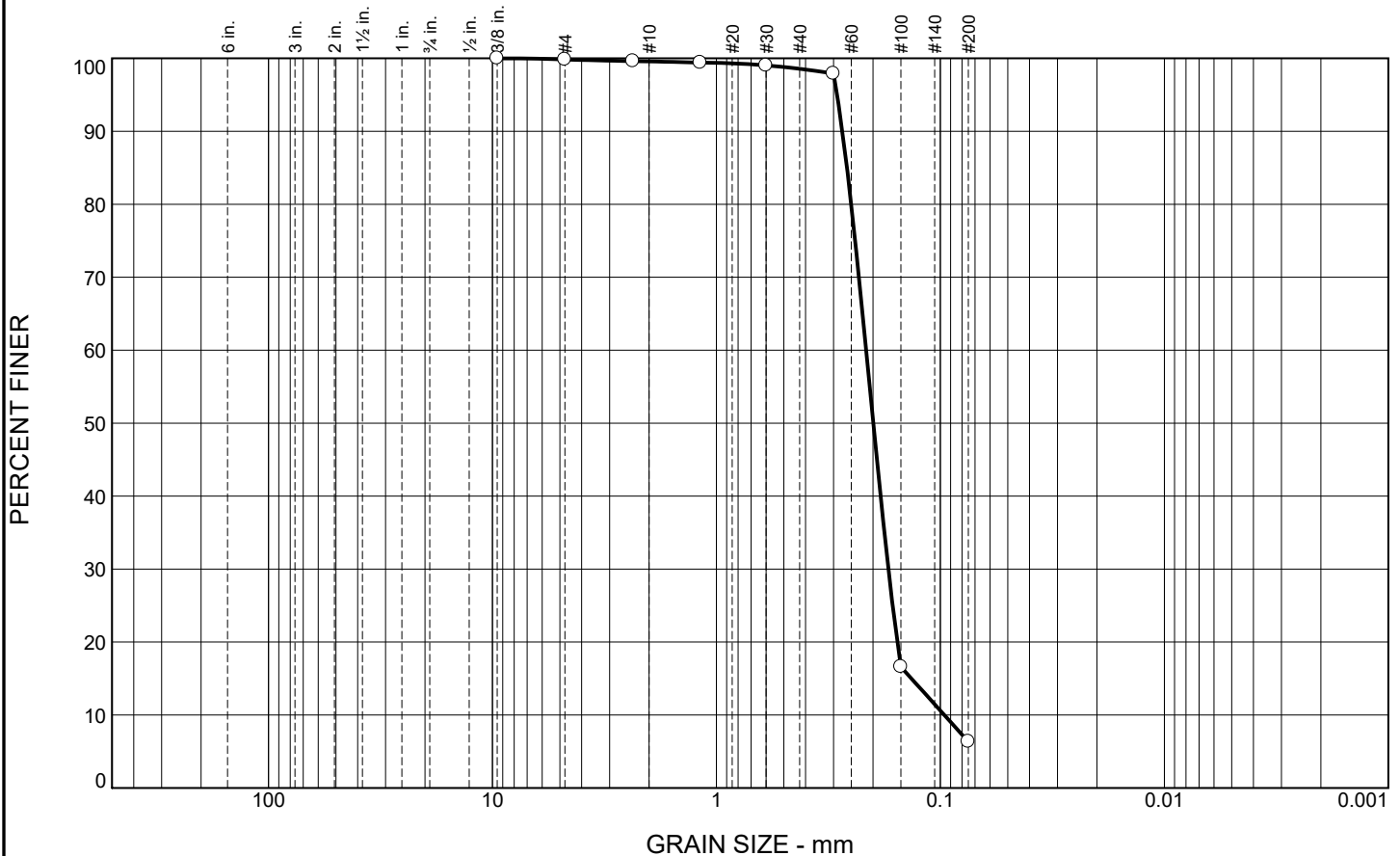
Date: 9/13/17



Client: GeoDesign, Inc.
Project: Sendero Verde
Manhattan, NY
Project No: 768029

Plate PSA-2

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.2	0.2	1.0	92.3	6.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
.375	100.0		
#4	99.8		
#8	99.6		
#16	99.4		
#30	99.0		
#50	97.9		
#100	16.6		
#200	6.3		

* (no specification provided)

Material Description

Brown poorly graded SAND with silt\clay

Atterberg Limits

LL= PL= PI=

Coefficients

D₈₅= 0.2612 D₆₀= 0.2145 D₅₀= 0.1993
D₃₀= 0.1707 D₁₅= 0.1347 D₁₀= 0.0960
C_u= 2.23 C_c= 1.41

Classification

USCS= SP-SM\SC

Remarks

WC: 27.5%

Source of Sample: B-8
Sample Number: S-5

Depth: 20'-22'

Date: 9/13/17

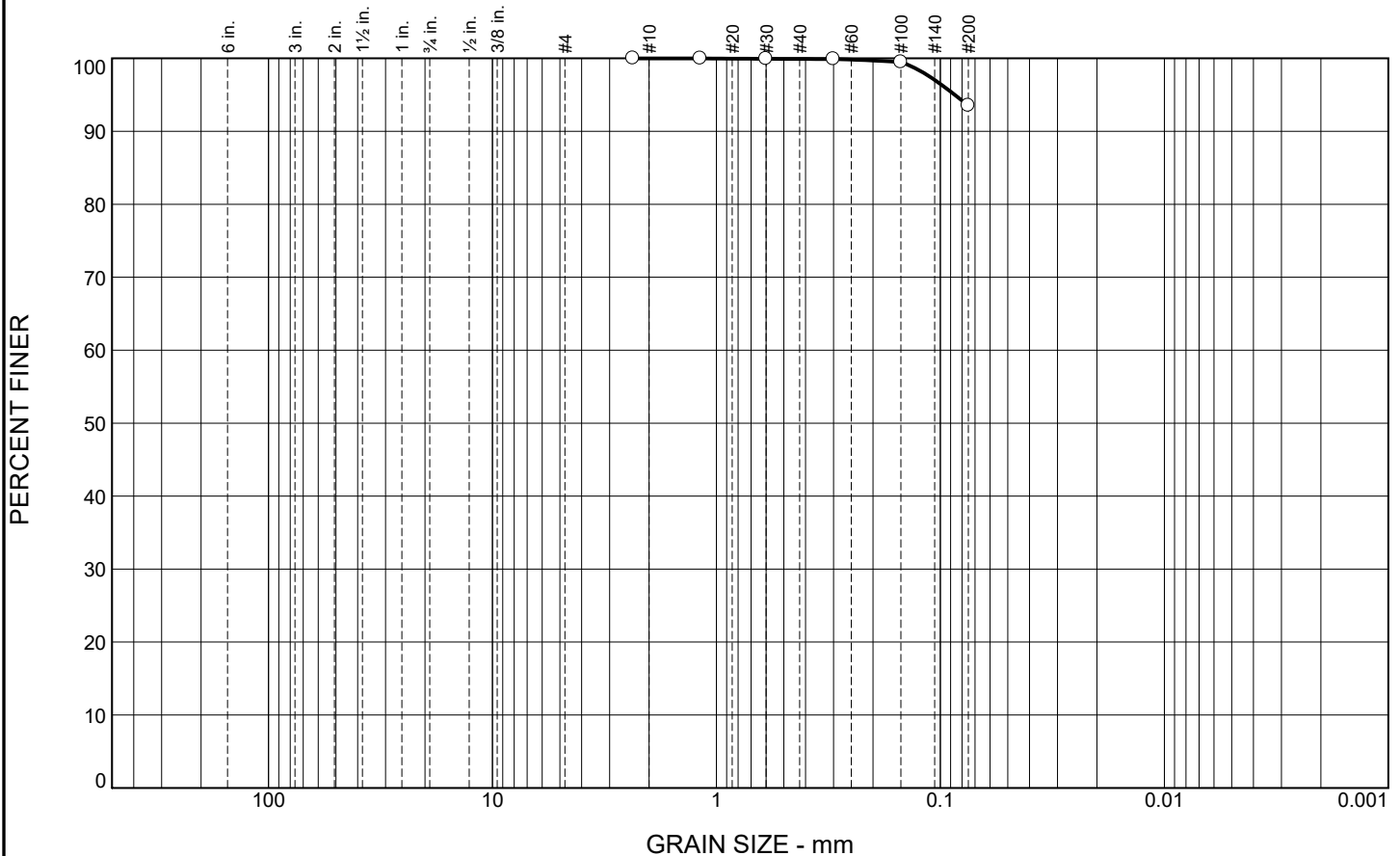


Client: GeoDesign, Inc.
Project: Sendero Verde
Manhattan, NY

Project No: 768029

Plate PSA-3

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	0.1	6.4	93.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#8	100.0		
#16	100.0		
#30	99.9		
#50	99.9		
#100	99.5		
#200	93.5		

* (no specification provided)

Material Description

Brown SILT\CLAY

Atterberg Limits

LL= PL= PI=

Coefficients

D₈₅= D₆₀= D₅₀=
D₃₀= D₁₅= D₁₀=
C_u= C_c=

Classification

USCS= CL:H\ML:H

Remarks

WC: 30.1%

Source of Sample: B-8
Sample Number: S-11

Depth: 50'-52'

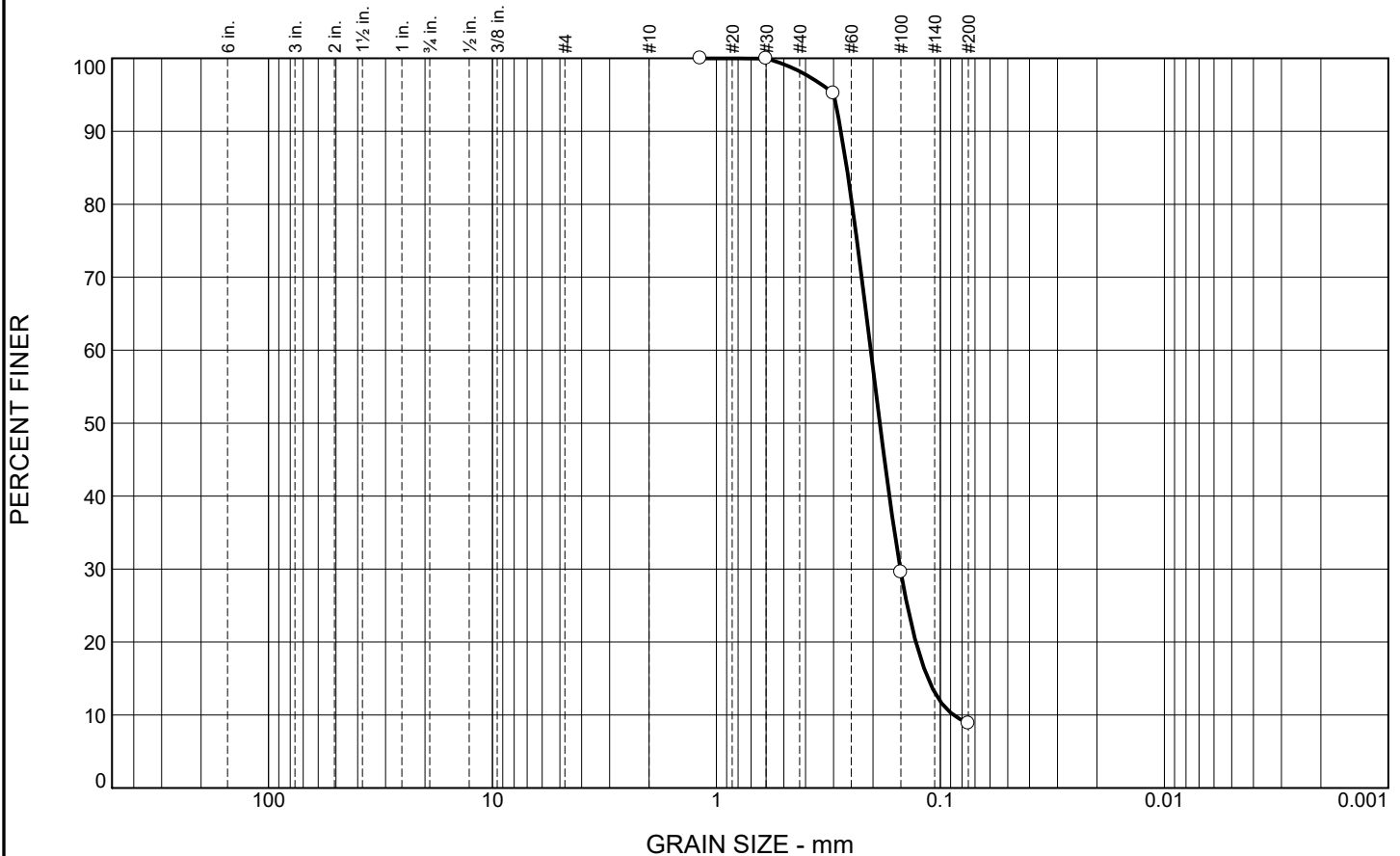
Date: 9/13/17



Client: GeoDesign, Inc.
Project: Sendero Verde
Manhattan, NY
Project No: 768029

Plate PSA-4

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	1.8	89.4	8.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#16	100.0		
#30	100.0		
#50	95.2		
#100	29.6		
#200	8.8		

* (no specification provided)

Material Description

Brown poorly graded SAND with silt\clay

Atterberg Limits

LL=

PL=

PI=

Coefficients

D₈₅= 0.2617

D₆₀= 0.2046

D₅₀= 0.1865

D₃₀= 0.1508

D₁₅= 0.1136

D₁₀= 0.0874

C_u= 2.34

C_c= 1.27

Classification

USCS= SP-SM\SC

Remarks

WC: 28.4%

Source of Sample: B-10
Sample Number: S-4

Depth: 15'-17'

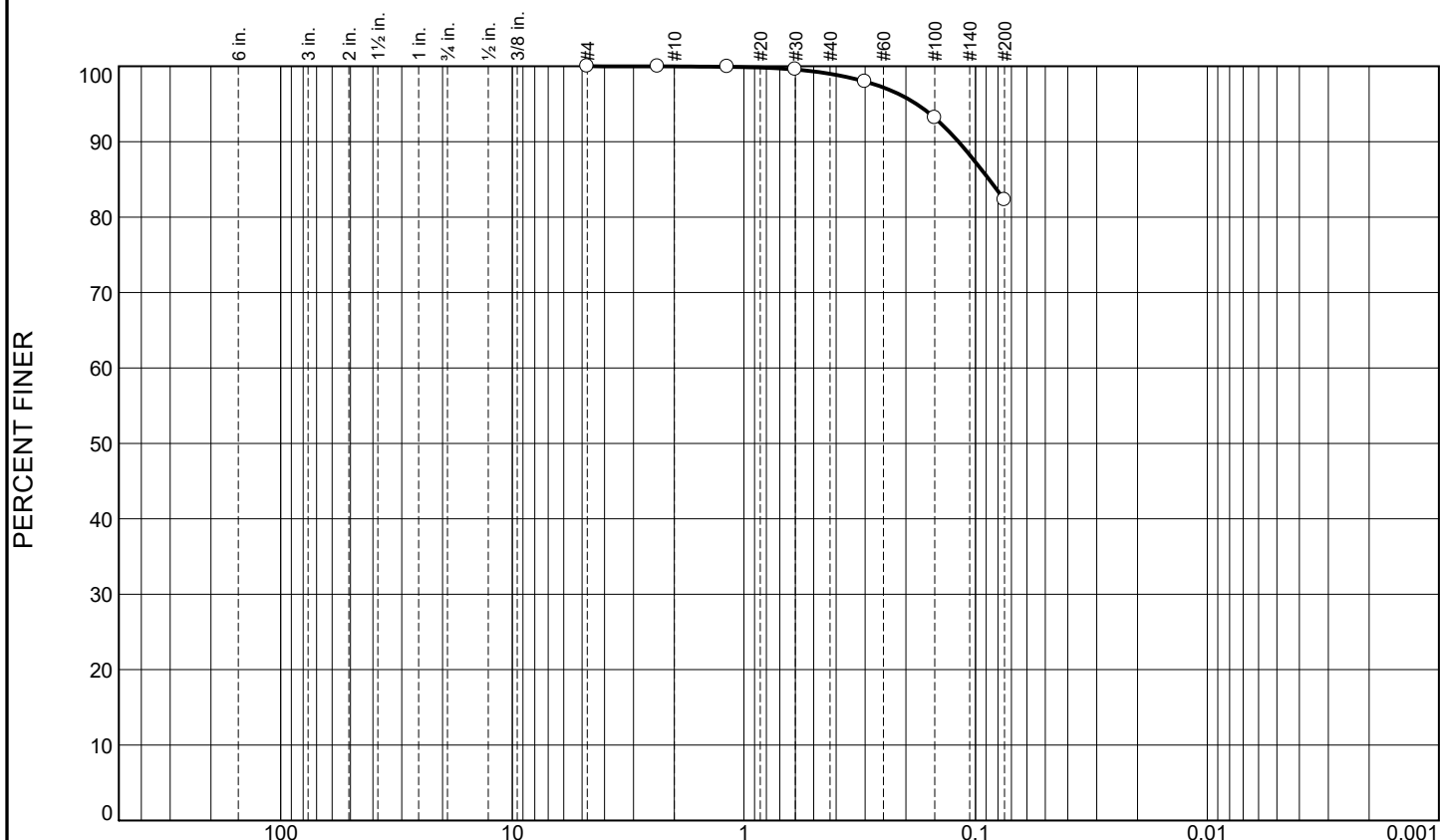
Date: 9/13/17



Client: GeoDesign, Inc.
Project: Sendero Verde
Manhattan, NY
Project No: 768029

Plate PSA-5

Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.0	0.0	1.0	16.7	82.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#8	100.0		
#16	99.9		
#30	99.6		
#50	98.0		
#100	93.2		
#200	82.3		

* (no specification provided)

Material Description
Brown SILT\CLAY with sand

Atterberg Limits
LL= PL= PI=

Coefficients
D₈₅= 0.0875 D₆₀= D₅₀=
D₃₀= D₁₅= D₁₀=
C_u= C_c=

Classification
USCS= CL:H\ML:H

Remarks
WC: 24.6%

Source of Sample: B-11
Sample Number: S-6

Depth: 25'-27'

Date: 9/13/17



Client: GeoDesign, Inc.
Project: Sendero Verde
Manhattan, NY
Project No: 768029

Plate PSA-6

APPENDIX C

IN-SITU SHEAR WAVE VELOCITY TESTING REPORT

**SHEAR WAVE VELOCITY TESTING
SENDERO VERDE
66 EAST 112TH STREET
MANHATTAN NEW YORK**

Prepared for:

GeoDesign Incorporated PC
241 West 30th Street, 5th Floor
New York, New York 10001

Prepared by:

Hager-Richter Geoscience, Inc.
846 Main Street
Fords, New Jersey 08863

File 17JCC51
August, 2017

Shear Wave Velocity Testing
Sendero Verde
66 East 112th Street
Manhattan, New York
File 17JCC51 Page i

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- 2. Site Plan

1. INTRODUCTION

Hager-Richter Geoscience, Inc. (Hager-Richter) conducted surface shear wave velocity testing at 66 East 112th Street in Manhattan, New York in August, 2017 for GeoDesign Incorporated PC (GeoDesign). The geophysical testing was performed as part of a geotechnical investigation for the project site by GeoDesign.

The site is identified as Sendero Verde and is located at 66 East 112th Street in Manhattan. The general location of the site is shown in Figure 1. The site occupies the block bounded by East 111th and East 112th Streets between Madison and Park Avenues. An overgrown baseball field is located in the central portion of the site, and is surrounded by community gardens and commercial properties. GeoDesign required shear wave velocities for soils and bedrock as a function of depth to 100 feet to be used for seismic site class determination. The surface shear wave velocity testing was limited to the baseball field and surrounding sidewalks.

Draft boring logs provided by GeoDesign indicate that the soil stratigraphy consists of approximately 10-14 feet of fill, overlying sand, silt, and clay. Bedrock was encountered in several boreholes at depths ranging from 88 feet to more than 122 feet below ground surface.

The surface shear wave velocity testing was conducted using the passive shear wave seismic (pVs) method. Data were acquired along five test lines, identified as Seismic Lines 1 - 5, installed in areas free of surface obstructions. Figure 2 show the locations of the seismic testing lines and nearby boreholes installed by GeoDesign.

Alexis Martinez and Amanda Fabian of Hager-Richter conducted the seismic testing on August 8, 2017. The project was coordinated with Thomas G. Thomann, PhD, PE, of GeoDesign. Mr. Andrew Stauble, also of GeoDesign, was present during data acquisition. Original data and field notes will be retained in the Hager-Richter files for a minimum of three years.

2. EQUIPMENT AND PROCEDURES

2.1 Method

The passive shear wave seismic (pVs) method is a geophysical method to determine a vertical shear-wave velocity profile at a single location by analyzing a particular type of seismic wave recorded on a multichannel record. The name pVs is derived from p for passive and Vs for velocity of shear waves. The pVs method, also called the Refraction Microtremor method, or ReMi™, uses Rayleigh waves, a particular kind of wave first described by Lord Rayleigh in 1885. Such waves are dispersive (meaning that the velocity is a function of the wavelength), and the amplitude of such waves decreases with depth. The Rayleigh wave velocity depends primarily on the shear wave velocities and layering of the subsurface material.

Rayleigh waves are a significant part of the ambient subsurface noise at most, if not all, sites. There are many sources of such noise, including, but not limited to, wind, pedestrian and vehicular traffic, surface and subway trains, and construction activities. Although such noise can be troublesome for most seismic methods, it is the source of signals for the pVs method, and the higher the noise level, the better the results for this method.

Low frequency (4.5 Hz) geophones are installed 4 to 10 ft apart along a straight line and connected to a seismograph. The ambient noise is recorded for 30 seconds two or three times, and examined to be sure that noise of sufficiently low frequency is present. If the noise is sufficient, then 10 to 15 such records are acquired. If the noise spectra do not reach sufficiently low frequencies, then one walks or runs along the test line during data acquisition to add low frequency noise to the ambient noise. The surface waves used in the pVs method, considered noise in seismic refraction and reflection surveys, are enhanced during data acquisition and processing for the pVs method. The seismic data are analyzed using SeisOpt® ReMi™, a commercially licensed software package developed by Optim, Inc. located at the University of Nevada at Reno. Results are normally presented as 1-D plots or in tabular form showing shear wave velocity as a function of depth at the center of the seismic line.

It should be noted that the method produces a single velocity profile (Vs as a function of depth Z) at one location (namely, the center of the line) for each line. The software also calculates the average shear wave velocity using the following equation (taken from the International Building Code):

$$V_{avg} = \left(\sum_{i=1}^N d_i \right) / \sum_{i=1}^N d_i / V_i \quad \text{Eq 1}$$

where V_{avg} is average shear wave velocity
 d_i is thickness of the i^{th} layer
 V_i is the shear wave velocity of the i^{th} layer

Shear Wave Velocity Testing
Sendero Verde
66 East 112th Street
Manhattan, New York
File 17JCC51 Page 3

N is the number of layers

2.2 *Equipment*

We use a 48-channel digital seismograph (Geometrics Geode) coupled to as many as 48 geophones to acquire the pVs data. We used 4.5-Hz frequency vertical geophones for the subject shear wave velocity testing.

2.3 *Limitations of the Method*

As with all physical measurements, there is experimental error in the velocities that are determined using the passive shear wave velocity seismic method. For the pVs method, the accuracy of V_{avg} is stated by Optim, Inc. to be 5-15%.

The depth of investigation is a function of the noise spectrum, and long wave lengths (low frequencies) are required to determine velocity at large depths. Noise levels can be improved by a person running along the seismic spread during data acquisition.

2.4 *Site Specific*

The locations of the three test lines are shown in Figure 2. The pVs data were acquired using 47 geophones for Seismic Lines 1 and 2, 48 geophones for Seismic Line 3, and 41 geophones for Seismic Lines 4 and 5. The geophone spacing used for the five lines was 5 ft. Seismic Lines 1 and 2 were located in the ballfield, and Seismic Lines 3, 4 and 5 were located along the North West and East sidewalks, respectively.

The pVs method yields a single vertical velocity profile at the mid points of the test lines, shown in Figure 2. The seismic source for the pVs test was ambient noise and random hammer striking while acquiring the data to enhance the high frequency content of the seismic signal.

3. RESULTS AND DISCUSSION

The surface shear wave velocity testing was conducted along five seismic lines, designated as Seismic Lines 1 - 5. The seismic test line locations and center points for the velocity profiles are shown in Figure 2. Draft boring logs provided by GeoDesign indicate that the soil stratigraphy consists of approximately 10-14 feet of fill overlying sand, silt, and clay. Bedrock was encountered in several boreholes at depths ranging from 88 feet to more than 122 feet below ground surface.

The results of the pVs testing are reported in Table 1. For modeling purposes, the subsurface stratigraphy was broken into five discrete units: the upper layer corresponds to fill, the middle three layers correspond to soils, and bottom layer corresponds to bedrock. Some of the velocity units do not necessarily correlate with specific lithologic units. We note that the boring logs do not provide complete stratigraphic constraints, therefore, the number of layers and the thickness that provides the best statistical fit to the respective dispersion curve was used for each line independently. The root mean square error for the fit of the dispersion curve versus the measured data using the model velocities varies between 2.9 and 4.4% for the five Seismic Lines.

No attempt was made to “force” a specific model to the data. The velocities for the units and the average values of the velocity of shear waves, $V_{s_{100}}$, determined by Equation 1 for the depth interval of 0-100 ft are also reported in Table 1.

TABLE 1
pVs TEST RESULTS

Geologic Unit *	Line 1		Line 2		Line 3	
	Depth Interval (ft)	V _s ** (ft/s)	Depth Interval (ft)	V _s ** (ft/s)	Depth Interval (ft)	V _s ** (ft/s)
Fill	0 - 10	624	0 - 10	610	0 - 13.5	724
Soils	10 - 36	720	10 - 36	678	13.5 - 49	817
	36 - 70	941	36 - 75	963	49 - 80	1,046
	70 - 99	1,612	75 - 103	1,577	80 - 110	1,721
Bedrock	99+	2,687	103 +	3,843	110+	3,668
V _{s100} (ft/s)	936		901		967	
RMS (%)	3.1		3.4		4.1	

Geologic Unit *	Line 4		Line 5	
	Depth Interval (ft)	V _s ** (ft/s)	Depth Interval (ft)	V _s ** (ft/s)
Fill	0 - 13.5	838	0 - 13.5	925
Soils	13.5 - 49	754	13.5 - 41	717
	49 - 80	1,106	41 - 71	1,214
	80 - 111	1,588	71 - 111	1,506
Bedrock	111+	3,247	111+	3,412
V _{s100} (ft/s)	969		1,030	
RMS (%)	4.4		2.9	

* Stratigraphy is based on Boring Logs

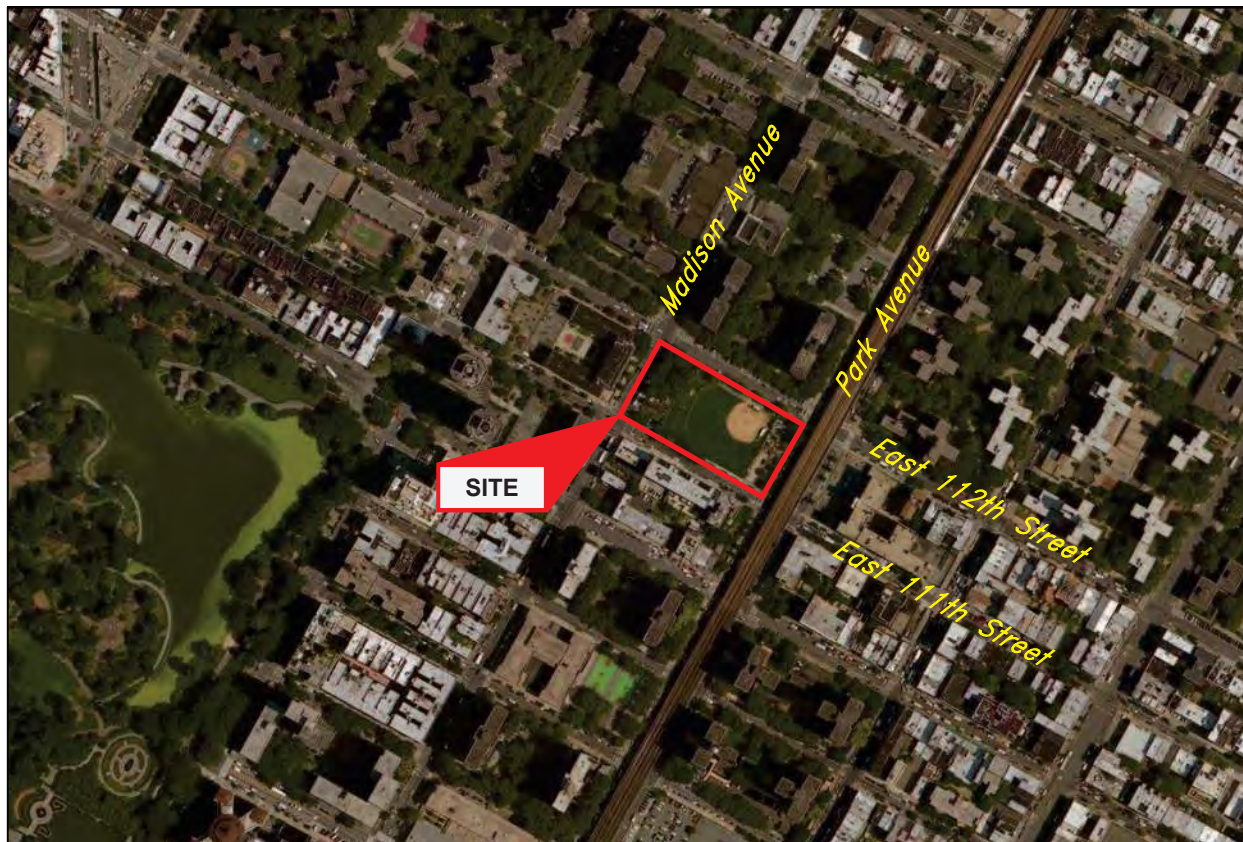
** Shear wave velocity profile is determined for the mid point of the test line

4. LIMITATIONS

This report was prepared for the exclusive use of GeoDesign Incorporated PC (Client). No other party shall be entitled to rely on this Report or any information, documents, records, data, interpretations, advice or opinions given to Client by Hager-Richter Geoscience, Inc. (H-R) in the performance of its work. The Report relates solely to the specific project for which H-R has been retained and shall not be used or relied upon by Client or any third party for any variation or extension of this project, any other project or any other purpose without the express written permission of H-R. Any unpermitted use by Client or any third party shall be at Client's or such third party's own risk and without any liability to H-R.

H-R has used reasonable care, skill, competence and judgment in the preparation of this Report consistent with professional standards for those providing similar services at the same time, in the same locale, and under like circumstances. Unless otherwise stated, the work performed by H-R should be understood to be exploratory and interpretational in character and any results, findings or recommendations contained in this Report or resulting from the work proposed may include decisions which are judgmental in nature and not necessarily based solely on pure science or engineering. It should be noted that our conclusions might be modified if subsurface conditions were better delineated with additional subsurface exploration including, but not limited to, test pits, soil borings with collection of soil and water samples, and laboratory testing.

Except as expressly provided in this limitations section, H-R makes no other representation or warranty of any kind whatsoever, oral or written, expressed or implied; and all implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed.



APPROXIMATE SCALE (feet)



LOCATION

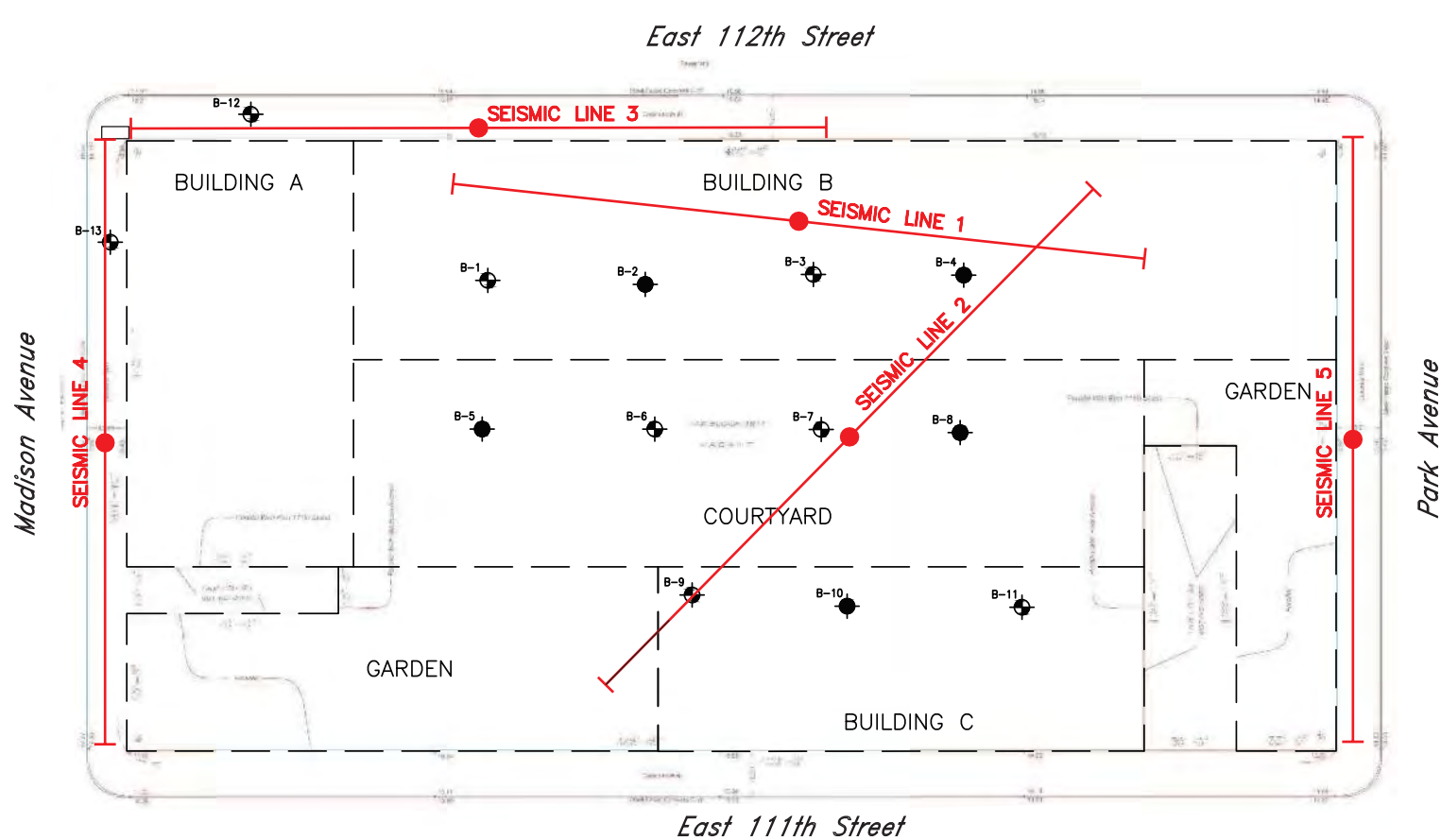
NOTE

Modified from Bing aerial photograph.

Figure 1
General Site Location
Sendero Verde
66 East 112th Street
Manhattan, New York

File 17JCC51 | August 2017

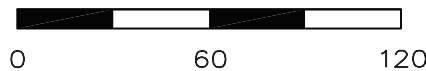
HAGER-RICHTER
Salem, NH – Fords, NJ



LEGEND

- SEISMIC LINE WITH pVs DATA MIDPOINT
- B-2 TEST BORING ADVANCED TO BEDROCK NO. & LOCATION
- B-1 TEST BORING ADVANCED TO 50 FT DEPTH NO. & LOCATION

SCALE (feet)



NOTE

Modified from a site plan provided by GeoDesign entitled "Sendero-Verde-BLP-MarkedOut.pdf"

Figure 2
Site Plan
Sendero Verde
66 East 112th Street
Manhattan, New York

File 17JCC51 August 2017

HAGER-RICHTER
Salem, NH – Fords, NJ

ASTM E 1527-13 User Questionnaire

In order to qualify for the protection offered under the EPA All Appropriate Inquiry (AAI) Standard, the **User** (entities seeking to use the ASTM E 1527-13 Practice to complete an environmental site assessment of the property; i.e. Lenders and/or Borrowers) must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that AAI is not complete. This information should be the collective knowledge of the entities relying on the Phase I. **Please note that you are not being asked to evaluate the property, but rather to provide your knowledge of information on the property.**

Site Name/Address: Sendero Verde development site on Manhattan, Block 1617, Lots 20, 22, 23, 25, 28, 29, 31, 33, 35, 37-43,

45, 46, 48, 50-54, 121 and 122

Person Interviewed/Title: Jessica Yoon, L+M Development Partners Date: 10/10/2017

If known, when was the property initially developed? Unknown

If different, when were the current building(s) on the property constructed? _____

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? (**Note:** If unknown, a review of title records or an environmental lien search is recommended)

Yes___ No X If you answer yes, please include an explanation in the space provided below:

Unknown

2. Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Engineering Controls are defined as physical modifications to a site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property). *Institutional Controls* are defined as a legal or administrative restriction on the use of, or access to, a site or facility to 1) reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or ground water on the property, or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Yes___ No X If you answer yes, please include an explanation in the space provided below:

Unknown

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). As the *User* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes___ No X If you answer yes, please include an explanation in the space provided below:

4. Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

a) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*?

Yes___ No X If you answer no, please include an explanation in the space provided below, including whether the lower purchase price is because contamination is known or believed to be present at the *property*?
This is city-owned property to be conveyed to a designated developer team to develop affordable housing. The land will be conveyed for a nominal price.

5. Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *User*:

a. Do you know the past uses of the *property*?

Yes___ No X

b. Do you know of specific chemicals that are present or once were present at the *property*?

Yes___ No X

c. Do you know of spills or other chemical releases that have taken place at the *property*?

Yes___ No X

d. Do you know of any environmental cleanups that have taken place at the *property*?

Yes___ No X

If you answered yes to any of the questions above, please include an explanation in the space provided below:

6. The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the *User* of this *ESA*, based on your knowledge and experience related to the *property*, are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Yes___ No_X_ If you answer yes, please include an explanation in the space provided below:

Please provide the following property contact information:

Property Owner: The City of New York

Asher Freeman: 212.863.8350

Phone Number: Department of Housing Preservation and Development

Key Site Personnel: N/A - no personnel on site

Phone Number:

Past Owner: Various

Phone Number:

**APPLICATION FOR APPORTIONMENTS OR MERGERS**

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

SECTION A: PROPERTY INFORMATION

Borough: Manhattan Block: 1617 Present Lot(s): 20,22,23,25,28,29,31,33,35,37,38,39, 40,41,42,43,45,46,48,50,51,52,53,54, 121,122

☒ Merger ☐ Apportionment Number of Lots Requested 1

☐ Air ☐ Subterranean Lot Number: 20

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

1. Owner's Name (as per Deed): _____
OR
Company Name: The City of New York

2. Address: 38-74 East 112th Street New York NY 10029
NUMBER AND STREET CITY STATE ZIP CODE

3. Filing Representative (if applicable): Natalie Kamitsuka/Katherina Barguil

SECTION B: CERTIFICATION

1. Architect/Engineer/Applicant's Name: Middleton David
LAST NAME FIRST NAME

2. Address: 120 Broadway, 6th Floor New York NY 10271
NUMBER AND STREET CITY STATE ZIP CODE

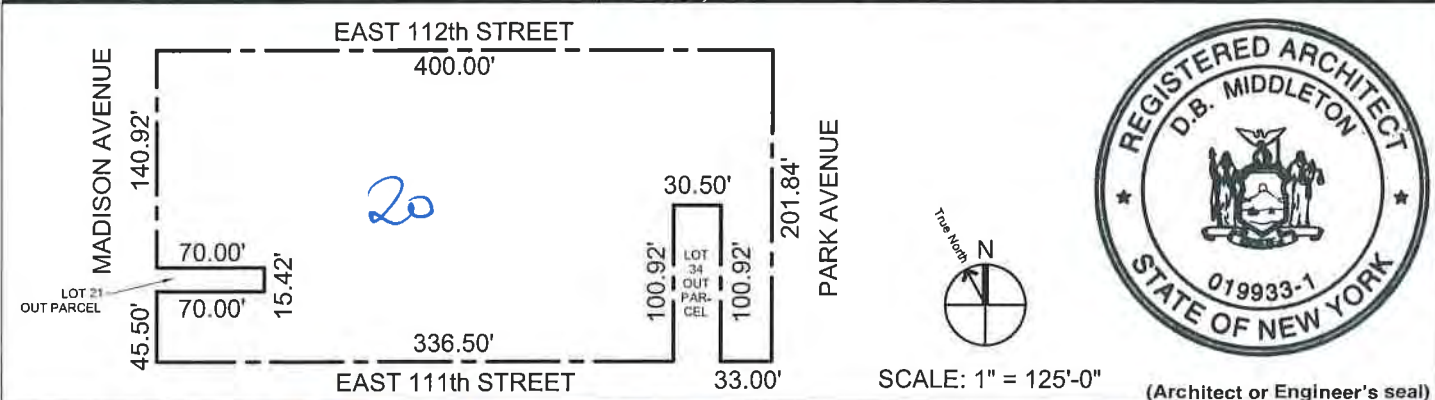
3. Telephone Number: 212.791.4578 4. Email Address: kbarguil@vitacco.com

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

Signature of Architect/ Engineer/Applicant: _____ Date: 11/27/2017

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

DRAW SKETCH TO SCALE 1" = 50', IF POSSIBLE INDICATE NORTH ARROW



Tentative Lot(s) issued: 1, 20, 22, 23, 25, 28, 29, 31, 33, 35, 37, 38, 39, 40, 41, 42, 43, 45, 46, 48, 50, 51, 52, 53, 54

Customer Service Representative: I. Potasovskiy Date: 12/4/17 New Lot(s): _____ Lot(s) Affected: 20 Lot(s) Dropped: _____

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

Map Updated: _____ Tax Map Specialist: _____ Date: _____



PROPERTY DIVISION

TAX MAP UNIT FEE SHEET

Date: 12/4/2017

Borough: Man

Block: 1617

Lot: 20

<u>SERVICE</u>	<u>COST</u>	<u>QUANTITY</u>	<u>AMOUNT</u>
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<u>TAX MAP CERTIFICATION</u>	\$10.00		
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New Lot Request For Mergers and Apportionments (RP-602), and Lot Request For Condominium Amendment Applications. (RP-602CA)	\$73.00 (per lot)	1	\$73.00
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NYC Business Centers
Department of Finance
Manhattan Business Center
66 John Street, 2nd Floor
New York, NY 10038

Reference Number: 2017338027-11
Date/Time: 12/04/2017 10:44:46 AM

Property Tax - Miscellaneous Fees
2017338027-11-1
CPRR Trans Code: 11
CPRR Trans Desc: Miscellaneous Fees
Borough: 1
Block: 1617
Lot: 20
Due Date: 12/04/2017
UserId: NYC2330

Total

1 ITEM TOTAL:

\$73.00

TOTAL:

\$73.00

Business Check

\$73.00

Check Nbr: 000001009

Total Received: \$73.00



CE2017338027-11

Thank you! Have a nice day.

November 13, 2018

New York City Department of Environmental Protection
5917 Junction Boulevard
Flushing, New York 11373

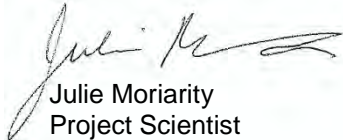
Re: Amendment to Phase II Environmental Site Assessment
Sendero Verde Redevelopment Project
Block 1617, Lot 20
New York, New York

To whom it may concern:


At the request of the New York City Department of Environmental Protection (NYCDEP), and on behalf of the SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC, (collectively referred to herein as the Owners), Roux Environmental Engineering and Geology, D.P.C. (Roux) has prepared soil boring logs for the above referenced Site. The soil boring logs are hereby submitted under separate cover as an amendment to the Phase II Environmental Site Assessment (ESA) which was submitted to the NYCDEP on June 8, 2018.

Respectfully submitted,

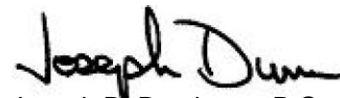
ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Julie Moriarity
Project Scientist



Noelle M. Clarke, P.E.
Principal Engineer



Joseph D. Duminuco, P.G.
Principal Hydrogeologist/
Executive Vice President

Attachment: Phase II ESA Soil Boring Logs



ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

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SOIL BORING LOG

WELL NO. SB-1	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project	LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.	
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso	Manhattan, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis	GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Clean cuttings	START-FINISH DATE 5/1/18-5/2/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt and Brick, trace fine gravel (fill); moist.		0.0	Hand cleared to 5 feet bls.
5					Sample SB-1 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
		Brown, fine to medium SAND, some Brick, Asphalt, broken Concrete, Cobble, fine Gravel, trace metal (fill); dry.			2.5 feet of recovery.
10				0.0	
					4 feet of recovery.
				1.5	Sample SB-1 (12-14) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
15					3.5 feet of recovery.
		Brown, fine to coarse SAND, little Silt and fine Gravel; wet.		0.0	
20					End of soil boring at 20 feet bls.

BORING/FEET 2984.0001Y000.GPJ ROUX.GDT 11/13/18



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Islandia, NY 11749
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Fax: (631) 232-9898

SOIL BORING LOG

WELL NO. SB-10	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project		LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York		
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso			
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 5/1/18-5/1/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Clean cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Brick, little coarse Sand and Silt, trace fine gravel (fill); dry.		0.0	Hand cleared to 5 feet bls.
5					Sample SB-10 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to coarse Sand, little fine Gravel (fill); moist.			2 feet of recovery.
10				0.0	
					1 foot of recovery.
15				0.0	
		Brown, fine to coarse SAND, little fine Gravel; wet.			4 feet of recovery.
20				0.0	Sample SB-10 (15-17) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
					End of soil boring at 20 feet bls.

BORING/FEET 2984.0001Y000.GPJ ROUX.GDT 11/13/18



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Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

SOIL BORING LOG

WELL NO. SB-11	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project		LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York		
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso			
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 5/1/18-5/4/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Clean cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
0		Brown, fine to medium SAND, some Silt, little Brick, Gravel, and Cobble, trace wood, and coarse sand (fill); moist.		0.0	Hand cleared to 5 feet bls.
5				G	Sample SB-11 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
5		Brown, MIXED FILL, some Brick, Asphalt, and fine to medium Sand, trace coarse sand (fill); moist.			2 feet of recovery.
10				2.8	Sample SB-11 (8-10) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
10				0.1	2 feet of recovery.
15		Brown, fine to medium SAND, some Silt, trace coarse sand; wet.			
15		Brown, fine to coarse SAND, little Silt and fine Gravel; wet.		0.3	5 feet of recovery.
20		Brown, fine to medium SAND and SILT; wet.		0.0	End of soil boring at 20 feet bls.

BORING/FEET 2984.0001Y000.GPJ ROUX.GDT 11/13/18



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Islandia, NY 11749
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Fax: (631) 232-9898

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SOIL BORING LOG

WELL NO. SB-12	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project		LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York		
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso			
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/30/18-5/4/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Clean cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
5		Brown, fine to medium SAND, some Brick and Rubber, little Silt, trace glass (fill); dry.		0.0	Hand cleared to 5 feet bls.
10		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand, little coarse sand and gravel (fill); moist.		0.0	2 feet of recovery.
15				0.0	1 feet of recovery.
20		Brown, fine to coarse SAND, some Silt, trace fine gravel; wet.		0.0	3 feet of recovery.
				0.0	Sample SB-12 (17-19) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
					End of soil boring at 20 feet bls









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SOIL BORING LOG

WELL NO. SB-2	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project		LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York		
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso			
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 5/1/18-5/2/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Clean cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, fine to medium SAND, some Silt and Wood, trace gravel, glass, and brick (fill); moist.		0.0	Hand cleared to 5 feet bls.
5		Brown, fine to medium SAND, some Silt and coarse Sand, trace fine gravel and brick (fill); moist.			
		BRICK, some fine to medium SAND, (fill); dry.			2.5 feet of recovery.
10		Brown, fine to coarse SAND, some Brick, trace fine gravel (fill); dry.		0.0	
		Brown, SILT; dry.			4.5 feet of recovery.
		Brown, fine to medium SAND, trace coarse sand; moist.		0.0	
15		Brown, medium to coarse SAND, trace fine gravel; wet.			4 feet of recovery.
		Brown, SILT, trace fine sand; wet.		0.0	Sample SB-2 (17.5-19.5) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20					End of soil boring at 20 feet bls.






























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SOIL BORING LOG

WELL NO. SB-3	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project		LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York		
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso			
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/30/18-5/1/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Clean cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some coarse Sand and Brick, little Silt (fill); dry.		0.0	Hand cleared to 5 feet bls.
					Sample SB-3 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
					
					
					
					
					
5		Light brown, fine to medium SAND, some broken Concrete, trace brick and metal (fill); dry.			
		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand (fill); moist.		0.8	2 feet of recovery.
					
					
					
					
					
					
10				0.2	2.5 feet of recovery.
					
					
					
					
					
					
					
					
					
15		Brown, fine to coarse SAND, some Silt, trace fine gravel; wet.		0.0	4.5 feet of recovery.
				0.0	
					Sample SB-3 (17-19) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
					
20					End of soil boring at 20 feet bls

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SOIL BORING LOG

WELL NO. SB-4	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project	LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.	
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso	Manhattan, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis	GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Clean cuttings	START-FINISH DATE 4/30/18-5/1/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, fine to medium SAND, some Brick and Silt, little fine Gravel and Cobble (fill); moist.		0.0	Hand cleared to 5 feet bls.
5					Sample SB-4 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand fine to medium Sand, little coarse Sand and fine Gravel (fill); moist.			3 feet of recovery.
10				0.0	
					1 feet of recovery.
15				0.0	Sample SB-4 (11-13) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
		Brown, fine to medium SAND and SILT; wet.			4 feet of recovery.
20				0.0	End of soil boring at 20 feet bls.

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SOIL BORING LOG

WELL NO. SB-5	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project		LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York		
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso			
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/30/18-5/2/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Clean cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some coarse Sand and Brick, little Silt and Cobble (fill); dry.		0.0	Hand cleared to 5 feet bls.
5		Dark brown, fine to medium SAND, little Brick, broken Concrete, fine Gravel, and Silt (fill); dry.			
		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand, little coarse Sand (fill); moist.			2.5 feet of recovery.
10				0.0	
					3 feet of recovery.
				0.0	
15		Brown, fine to medium SAND, some Cobble and fine Gravel; wet.			
		Brown, fine to coarse SAND, little Silt and fine Gravel; wet.			4 feet of recovery.
				0.0	
20		Brown, fine to medium SAND, some Silt, trace fine gravel; wet.			Sample SB-5 (18-20) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
					End of soil boring at 20 feet bls




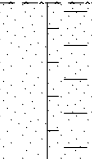
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SOIL BORING LOG

WELL NO. SB-6	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project		LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York		
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso			
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/30/18-5/2/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Clean cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Brick, little Silt and Cobble (fill); dry.		0.0	Hand cleared to 5 feet bls.
5		Brown, MIXED FILL, some Brick, Asphalt, broken Concrete, Cobble, and fine to medium SAND, little coarse Sand and fine Gravel, (fill); dry.			3 feet of recovery.
10		Brown, fine to coarse SAND, little Silt and fine Gravel; wet.		0.0	3.5 feet of recovery.
15		Brown, fine to medium SAND, some Silt, trace coarse sand; wet.		0.0	5 feet of recovery.
20					Sample SB-6 (17-19) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
					End of soil boring at 20 feet bls

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SOIL BORING LOG

WELL NO. SB-7	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project	LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St.	
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso	Manhattan, New York
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis	GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
		START-FINISH DATE 4/30/18-5/3/18
		BACKFILL Clean cuttings

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Dark brown, fine to medium SAND, some Brick and Silt, trace cobble (fill); moist.		0.0	Hand cleared to 5 feet bls.
5					Sample SB-7 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
		Crushed BOULDER, COBBLE, and GRAVEL (fill); dry.			5 feet of recovery.
10				0.0	
		Gray, crushed BOULDER and fine to medium SAND, trace brick and wood (fill); dry.			3 feet of recovery.
15				0.0	Sample SB-7 (11-13) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
		Brown, fine to medium SAND, some Silt, trace fine Gravel; wet.			3 feet of recovery.
20				0.0	End of soil boring at 20 feet bls.

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SOIL BORING LOG

WELL NO. SB-8	NORTHING Not Measured	EASTING Not Measured		
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project		LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York		
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso			
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis		GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20		
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe	SAMPLING METHOD 2" Macro-Core	START-FINISH DATE 4/30/18-5/3/18
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	BACKFILL Clean cuttings		

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Brick, little Silt, Gravel, and Cobble (fill); dry.		0.0	Hand cleared to 5 feet bls. Sample SB-8 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
5		Brown, SILT, some fine Sand, trace fine gravel and debris (glass) (fill); moist.			
		Dark brown, MIXED FILL, some Brick, Asphalt, Glass, fine Gravel, and fine to medium Sand, little Silt, trace cobble (fill); moist.			2.5 feet of recovery.
10				0.0	
					2 feet of recovery.
15		Brown, fine to coarse SAND, little Silt and fine Gravel; wet.		0.0	
					4 feet of recovery.
20		Brown, fine to medium SAND and SILT; wet.		0.0	Sample SB-8 (18-20) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals. End of soil boring at 20 feet bls.

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SOIL BORING LOG

WELL NO. SB-9	NORTHING Not Measured	EASTING Not Measured
PROJECT NO./NAME 2984.0001Y / Sendero Verde Redevelopment Project	LOCATION Between Madison Ave. and Park Ave.; East 111 St. and East 112 St. Manhattan, New York	
APPROVED BY N. Clarke	LOGGED BY V. Sabatasso	
DRILLING CONTRACTOR/DRILLER Trinity Environmental / J. Sakellis	GEOGRAPHIC AREA Manhattan, Block 1617, Lot 20	
DRILL BIT DIAMETER/TYPE 2-in. / Drive Sampler	BOREHOLE DIAMETER 2-inches	DRILLING EQUIPMENT/METHOD 7720DT / Geoprobe
LAND SURFACE ELEVATION Not Measured	DEPTH TO WATER Not Measured	SAMPLING METHOD 2" Macro-Core
	BACKFILL Clean cuttings	START-FINISH DATE 5/1/18-5/3/18

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		Brown, fine to medium SAND, some Silt and Brick, little Wood, trace metal (fill); moist.		0.0	Hand cleared to 5 feet bls.
5		Light brown, MIXED FILL, some Brick, Asphalt, broken Concrete, and fine to medium Sand (fill); dry.			Sample S9-3 (0-2) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
		Crushed BOULDER.		0.0	3 feet of recovery.
10		Light brown, fine to medium SAND and COBBLE (fill); moist.			
		Brown, MIXED FILL, some Brick, Wood, fine Gravel, and fine to medium Sand (fill); moist.			4.5 feet of recovery.
		Brown, fine to medium SAND, some Silt, trace cobble; moist.		0.0	
15		Brown, fine to coarse SAND, little Silt, trace gravel; wet.			4.5 feet of recovery.
				0.0	Sample SB-9 (14.5-16.5) collected for VOCs, SVOCs, PCBs, Pesticides and TAL Metals.
20					End of soil boring at 20 feet bls.

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Phase II Environmental Site Assessment Report

Sendero Verde Redevelopment Project
Tax Block 1617 of Tax Lot 20
New York, New York

June 8, 2018

Prepared for:
**SV-A Owners LLC, SV-B Owners LLC
and SV-C Owners LLC**

Prepared by:
**Roux Environmental Engineering
and Geology, D.P.C.**
209 Shafter Street
Islandia, New York 11749

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9. Summary of Metals in Groundwater
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Figure

1. Sample Location Map

Appendices

- A. Geophysical Survey Report
- B. Laboratory Analytical Reports

1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux) on behalf of the SV-A Owners LLC, SV-B Owners LLC and SV-C Owners LLC, (collectively referred to herein as the Owners) has prepared this Phase II Environmental Site Assessment (ESA) Report to summarize the Phase II ESA conducted at the Sendero Verde Redevelopment Project Site (herein referred to as the Site). The Site bounded by Park and Madison Avenues and East 111th Street and East 112th Street, occupying Tax Block 1617, Lot 20, in the Borough of the Manhattan, City and State of New York. The objective of the Phase II ESA was to characterize existing soil, groundwater, and soil vapor conditions at the Site. The work was performed in accordance with NYCDEP approved Phase II Work Plan (WP) dated April 26, 2018.

1.1 Previous Investigations

In January 2018, submitted a draft Phase I ESA to the Owners for the Site. Based on the information gathered as a result of the draft Phase I ESA process, Roux has identified the following recognized environmental conditions (RECs) in connection with the Site:

- Historical on-Site Usage: As indicated by the City Directory, 56 East 112th Street operated as Continental Tailors & Cleaners (assumed to be a dry cleaner). Other noted operators/tenants of the Site included Frank Cohen Printer, White Printer Department, Hyman Furrier and Hernando Contreras Shoes. The Certified Sanborn Fire Insurance maps indicated that, a portion of the Site was identified as a “Chinese Laundry” from at least 1911 to 1979 and a portion of the Site contained paint stores from at least 1939 to 1951. These historical operations may have used hazardous materials and potentially impacted the quality of the subsurface soil, soil vapor and/or groundwater beneath the Site.
- Past use of adjacent and upgradient properties: As detailed in the environmental database report, an adjacent property to the north/northwest located within close proximity to the Site operated as a dry-cleaning facility in the past. The immediately adjacent property to the south, operated as an auto service station in the past. As detailed in the City Directory, nearby properties also included dental offices and paint shops. These historical operations may have potentially impacted the quality of the subsurface soil, soil vapor and/or groundwater beneath the Site through on-Site migration of contaminants.

In addition to the aforementioned RECs, the following Business Environmental Risks (BERs) were identified:

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

1.2 Property Location and Description

The Site is located to the west of Park Avenue and to the east of Madison Avenue, between East 111th and East 112th Streets in the East Harlem section of Manhattan, New York. The area surrounding the Site is urban and developed with low to high-rise multi-family residential buildings, commercial and office buildings, and mixed use residential and commercial properties. Surrounding property usage to the north of the Site, beyond East 112th Street, is residential with multiple high-rise residential buildings. To the south, beyond East 111th Street, is mixed use residential and commercial with multiple high-rise buildings. To the east,

beyond Park Avenue, are the elevated tracks of the Metro North Railroad, further east is a playground belonging to a public school. To the west, beyond Madison Avenue, is residential with a part five, part seven-story residential building.

Currently, the Site consists of a full city block (Block 1617), excluding two parcels (Lots 21 and 34). The Site currently contains a baseball field and community gardens surround the eastern and western Site perimeter. The lot size is approximately 76,575 square feet. The Site is currently vacant.

1.3 Proposed Redevelopment

The proposed redevelopment of the Site will proceed in three phases and includes 588,236 gross square feet (GSF) of residential, 152,831 GSF of community facility space and 10,587 GSF of retail space, for a total GSF of 751,654. Each phase of the Site redevelopment corresponds to the construction of a building, the buildings are designated as Building A, Building B and Building C. Building A, located on Madison Avenue and East 112th Street, will consist of a 35-story tower with a GSF of 372,102. Building B, located along East 112th Street, will consist of a 13-story building with a GSF of 294,205 and will hold much of the community facility space. Building C, located along East 111th Street, will consist of a nine-story building with a GSF of 87,856. The three buildings will be interconnected with a raised courtyard, which will be built over the Building B community facility space. The aforementioned community gardens will be relocated and reincorporated into the project.

Buildings A and B will contain cellars and the estimated depth of excavation will be approximately 15 feet below grade. The first phase of construction is anticipated to start in December 2018, with the construction of Building A, the second phase of construction is anticipated to begin in June 2019, with the construction of Building B and Building C construction is anticipated to begin in December 2019.

1.4 Potential Environmental Concerns

There is the potential for environmental impacts from former Site operations, which included use as a dry-cleaner, Chinese laundry, print shop and furrier, to have impacted the subsurface beneath the Site. In addition, the adjacent properties located within close proximity to the Site have operated as dry-cleaners, auto repairs, dental office and paint shops in the past. There is potential that these operations may have impacted the subsurface beneath the Site.

2. Site Investigation

The proposed Scope of Work (SOW) for the Phase II ESA included the performance of a geophysical survey, the sampling of soil, groundwater and soil vapor. A total of twelve soil borings, six temporary groundwater monitoring wells and eight soil vapor points were proposed for the Site. Roux retained the services of Trinity Environmental Corporation (Trinity) of Deer Park, New York, a licensed driller in the state of New York, for the drilling operations. Prior to any drilling, each of the soil boring locations were pre-cleared by hand to a depth of five feet below land surface (ft bls) to ensure the locations were free of any potential utilities in the subsurface.

2.1 Geophysical Survey

To identify and locate suspected existing and former USTs and other Site utilities, a geophysical survey was conducted. Beginning on April 11, 2018, Roux Associates' geophysical subcontractor, Naeva Geophysics, Inc., of Congers, New York (Naeva), utilized an electromagnetic metal-detector and ground penetrating radar (GPR) to detect anomalies, collect GPR data profiles and mark out any detected underground storage tanks (USTs) and other subsurface utilities. Naeva identified one suspected UST, and 51 discrete anomalies, which were marked out accordingly. The suspected UST and anomalies are shown on Plate 1 and Plate 2 of the geophysical investigation report, included as Appendix A. Based on the results of the GPR, an additional soil boring was installed near the suspected UST.

2.2 Soil Investigation

Beginning on April 30, 2018, Trinity utilized a GeoProbe™ direct push drill rig to advance twelve soil borings to depths between 15 ft bls and 20 ft bls (Figure 1). Soil was field screened for volatile organic compounds (VOCs) using a photoionization detector (PID). All soils were visually inspected for evidence of impacts (e.g., odors, staining, and visible free product), and the lithology was recorded according to the Unified Soils Classification System (USCS). Soil samples were collected continuously in five-foot increments for geologic logging and visual inspection. Groundwater was encountered from 10 to 13 ft bls during this investigation.

One soil sample was collected from the 0-2' ft bls interval at each boring location. An additional soil sample was collected from the two-foot interval that exhibited the highest PID reading or the two-foot interval directly beneath the proposed maximum excavation depth. If the groundwater table interface was encountered before the proposed maximum excavation depth was reached and there were no signs of impacts, the soil sample was collected from the two-foot interval above the groundwater table interface. A total of 24 soil samples (two soil samples from each of the twelve soil borings) were collected utilizing laboratory-supplied containers.

2.3 Groundwater Investigation

Six of the twelve soil borings were converted to temporary one-inch diameter groundwater monitoring wells. Each of the wells was constructed of one-inch diameter schedule 40 PVC with 10-feet of 0.02-inch screen (Figure 1). Following installation, the groundwater monitoring wells were gauged with an oil-water interface probe and were sampled utilizing low-flow sampling techniques. A total of six groundwater grab samples were collected utilizing laboratory-supplied containers.

2.4 Soil Vapor Investigation

Beginning on April 30, 2018, Trinity installed six temporary soil vapor monitoring points. In areas where the proposed building foundations are at a shallow depth, the vapor point was installed at five ft bls. In areas where the proposed building foundations are deeper, the vapor point was installed at one-foot above the groundwater table (Figure 1). Following installation of each temporary soil vapor point, the integrity of each sampling point seal was checked in accordance with New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion. This step was conducted as a quality assurance/quality control measure to verify that the soil vapor sample was not compromised by inadvertent introduction of ambient air into the sample. Soil vapor was purged from the point using an air pump calibrated to approximately 0.2 liters per minute while the sampling point was covered at the surface with a small enclosure that is partially filled with helium. The soil vapor discharging from the air pump and the air within the enclosure was continuously monitored for helium during purging. Samples were collected using batch certified vacuum canisters equipped with laboratory-supplied, two-hour regulators. Samples were analyzed for VOCs via USEPA Method TO-15. All samples were collected on May 4, 2018 in accordance with the NYSDOH guidance.

2.5 Laboratory Analysis

Roux submitted the soil, groundwater and soil vapor samples for analysis to Alpha Analytical (Alpha) of Westborough, Massachusetts, a laboratory with a current NYSDOH Environmental Laboratory Approval Program (ELAP) Contract and Laboratory Protocol (CLP) certification. Laboratory analytical data is included as Appendix B.

3. Phase II Results

A summary of the Phase II ESA findings is provided below.

3.1 Soil Results

Laboratory analytical results for soil samples were compared to the New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives (UUSCOs) and the NYSDEC Restricted Residential Use Soil Cleanup Objectives (RRSCOs) as presented in NYSDEC Part 375.6. The results of the soil sampling event are summarized in Tables 1 through 6. Results of the laboratory analysis are discussed below:

- No VOCs were detected at a concentration above their respective UUSCOs or RRSCOs.
- One or more SVOCs including benzo(a)anthracene (maximum of 6,000 micrograms per kilogram [µg/kg] at SB-5, 0-2 ft bls), benzo(a)pyrene (maximum 6,200 µg/kg at SB-5, 0-2 ft bls), benzo(b)fluoranthene (maximum of 10,000 µg/kg at SB-5, 0-2 ft bls), chrysene (maximum of 7,200 µg/kg at SB-5, 0-2 ft bls), dibenzo(a,h)anthracene (maximum of 1,000 µg/kg at SB-5, 0-2 ft bls) and indeno(1,2,3-c,d)pyrene (maximum of 5,100 µg/kg at SB-5, 0-2 ft bls) were detected at relatively low concentrations slightly above their respective UUSCOs and RRSCOs in all shallow soil samples and three of the twelve deep soil samples (SB-1, SB-4 and SB-11). It should be noted, that the UUSCOs and the RRSCOs for Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene and indeno(1,2,3-c,d)pyrene are the same value (1,000 ug/kg).
- One or more metals including arsenic (maximum of 29.5 milligrams per kilogram [mg/kg] at SB-11, 8-10 ft bls), barium (maximum of 564 mg/kg at SB-6, 0-2 ft bls), copper (maximum of 5,060 mg/kg at SB-1, 0-2 ft bls) and lead (maximum of 820 mg/kg at SB-1, 12-14 ft bls) were detected at concentrations above their respective UUSCOs and RRSCOs in nine shallow (all samples except SB-3, SB-7 and SB-8) and three deep soil samples (SB-1, SB-4 and SB-11). Mercury (maximum of 0.466 mg/kg at SB-4, 0-2 ft bls) exceeded the UUSCO in eight shallow soil samples (SB-1, SB-4, SB-5, SB-6, SB-9, SB-10, SB-11 and SB-12) and three deep soil samples (SB-1, SB-4 and SB-11), but not the RRSCO. Zinc (maximum of 777 mg/kg at SB-11, 8-10 ft bls) exceeded the UUSCO in nine shallow soil samples (all samples except SB-3, SB-7 and SB-8) and three deep soil samples (SB-1, SB-4 and SB-11), but not the RRSCO.
- Total PCBs (maximum 355 µg/kg at SB-1, 0-2 ft bls [estimated value]) were detected above their respective UUSCOs in four shallow soil samples (SB-1, SB-4, SB-9 and SB-12) and one deep soil sample (SB-1).
- One or more pesticides including cis-chlordane (maximum of 315 µg/kg at SB-11, 8-10 ft bls), dieldrin (maximum of 315 µg/kg at SB-11, 8-10 ft bls), DDD (maximum of 35.1 µg/kg at SB-12, 0-2 ft bls), DDE (maximum of 471 µg/kg at SB-11, 8-10 ft bls) and DDT (maximum of 1,670 µg/kg at SB-11, 8-10 ft bls) were detected above their respective UUSCOs in all shallow samples and six deep samples (SB-1, SB-4, SB-7, SB-9, SB-10 and SB-11). Dieldrin was detected above its respective RRSCO in one deep sample (SB-11, 8-10 ft bls).

3.2 Groundwater Results

Laboratory analytical results for groundwater samples were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs). The results of the groundwater sampling event are summarized in Tables 7 through 11. Results of the laboratory analysis are discussed below:

- One VOC, Chloroform, was detected above its AWQSGV in all samples (maximum concentration of 39 micrograms per liter [µg/L]). Though the source of the chloroform exceedances cannot be confirmed, the exceedances may be attributed to the any leaking plumbing related to the former on-

Site structures, which were supplied with potable water that was likely chlorinated, leaking water mains and the watering of the community gardens.

- In general, SVOC concentrations in the filtered groundwater samples were low to non-detect and were lower in than in the unfiltered samples. This indicates that that the SVOCs are primarily due to suspended sediments present in the groundwater samples. Concentrations of all SVOCs in the filtered samples were below their respective AWSWGVs, except Bis(2-ethylhexyl)phthalate. Bis(2-ethylhexyl)phthalate (maximum concentration of 9.4 µg/L) was detected above its AWQSGV in one filtered sample (SB-4).
- In general, metals concentrations in the filtered groundwater samples were low to non-detect and were lower in than in the unfiltered samples. This indicates that that the metals are primarily due to suspended sediments present in the groundwater samples. Concentrations of all metals in the filtered samples were below their respective AWSWGVs, except sodium. Sodium (maximum concentration of 68,300 µg/L) was detected above its AWQSGVs in three filtered groundwater grab samples (SB-4, SB-5, SB-9 and SB-10). Sodium is naturally occurring in groundwater.
- No PCBs were detected in groundwater.
- In general, pesticide concentrations in the filtered groundwater samples were low to non-detect and were lower in the filtered samples than in the unfiltered samples. This indicates that the pesticides are primarily due to suspended sediments present in the groundwater samples. Concentrations of all pesticides in the filtered samples were below their respective AWSWGVs, except dieldrin. Dieldrin (maximum concentration of 0.022 [estimated] µg/L) was detected above its AWQSGVs in three filtered groundwater grab samples (SB-1, SB-4 and SB-10).

3.3 Soil Vapor Results

The analytical results of the soil vapor sampling event are summarized in Table 12. NYSDOH has established Air Guideline Values for selected parameters in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, which was published in October 2006 and updated in May 2017.

The NYSDOH has established guidance for evaluating soil vapor intrusion in which the results of sub-slab vapor samples are evaluated in a matrix with corresponding indoor air quality results. The guidance document includes Matrix A for trichloroethene (TCE), cis-1,2-dichloroethene, 1,1-dichloroethene, and carbon tetrachloride; Matrix B for tetrachloroethene (PCE), 1,1,1-trichloroethane (111-TCA), and methylene chloride; and Matrix C for vinyl chloride. While the matrices are designed for evaluation of sub-slab and indoor air samples and not for pre-development soil vapor sampling, the results of the soil vapor sampling can be evaluated against the soil vapor values in the matrices. The results of the matrix evaluation for PCE, the only matrix compound detected at the Site, are discussed below:

- PCE was detected in four soil vapor samples (SV-3, SV-4, SV-6 and SV-7) at concentrations ranging from 8.68 micrograms per cubic meter (µg/m³) to 48.8 µg/m³, which are below the monitoring level ranges established by NYSDOH, even if all of the PCE present was to intrude into the indoor air.

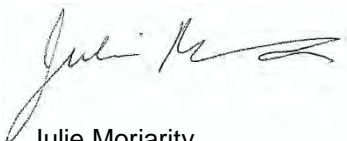
None of the other compounds detected in soil vapor have NYSDOH guideline values and are not included in the matrices.

4. Conclusion

Based on the results of the Phase II ESA, additional investigation activities are not warranted at this time. As part of the future development of the Site, a comprehensive waste characterization program should be implemented in an effort to properly characterize all soils at the Site for future off-Site disposal. Although the soil vapor samples did not indicate a significant issue, as a precaution, a vapor barrier should also be installed beneath the foundation of any newly constructed building. Furthermore, contingency measures will be in place for handling any potential USTs that may be encountered during redevelopment excavation. These measures will be addressed in the Remedial Action Plan and Construction Health and Safety Plan to be prepared for the Site as part of the redevelopment.

Respectfully submitted,

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Phase II Environmental Site Assessment Report
Sendero Verde Redevelopment Project Site

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

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-1	SB-1	SB-2	SB-2	SB-3
				Sample Date:	05/01/2018	05/02/2018	05/01/2018	05/02/2018	04/30/2018
				Sample Depth (ft bls):	1	13	1	19	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
1,1,1,2-Tetrachloroethane	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
1,1,1-Trichloroethane (TCA)	680	100000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
1,1,2,2-Tetrachloroethane	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
1,1,2-Trichloroethane	--	--	UG/KG	2.3 U	2.7 U	3.1 U	1.8 U	2.3 U	
1,1-Dichloroethane	270	26000	UG/KG	2.3 U	2.7 U	3.1 U	1.8 U	2.3 U	
1,1-Dichloroethene	330	100000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
1,1-Dichloropropene	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,2,3-Trichlorobenzene	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,2,3-Trichloropropane	--	--	UG/KG	15 U	18 U	21 U	12 U	15 U	
1,2,4,5-Tetramethylbenzene	--	--	UG/KG	6 U	7.2 U	8.3 U	4.9 U	6.1 U	
1,2,4-Trichlorobenzene	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,2,4-Trimethylbenzene	3600	52000	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,2-Dibromo-3-Chloropropane	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/KG	6 U	7.2 U	8.3 U	4.9 U	6.1 U	
1,2-Dichlorobenzene	1100	100000	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,2-Dichloroethane	20	3100	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
1,2-Dichloropropane	--	--	UG/KG	5.3 U	6.3 U	7.3 U	4.3 U	5.4 U	
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,3-Dichlorobenzene	2400	49000	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,3-Dichloropropane	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,4-Dichlorobenzene	1800	13000	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
1,4-Diethyl Benzene	--	--	UG/KG	6 U	7.2 U	8.3 U	4.9 U	6.1 U	
1,4-Dioxane (P-Dioxane)	100	13000	UG/KG	60 U	72 U	83 U	49 U	61 U	
2,2-Dichloropropane	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
2-Chlorotoluene	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
2-Hexanone	--	--	UG/KG	15 U	18 U	21 U	12 U	15 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-1	SB-1	SB-2	SB-2	SB-3
Sample Date:				05/01/2018	05/02/2018	05/01/2018	05/02/2018	04/30/2018
Sample Depth (ft bls):				1	13	1	19	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
4-Chlorotoluene	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U
4-Ethyltoluene	--	--	UG/KG	6 U	7.2 U	8.3 U	4.9 U	6.1 U
Acetone	50	100000	UG/KG	15 U	18 U	21 U	11 J	15 U
Acrylonitrile	--	--	UG/KG	15 U	18 U	21 U	12 U	15 U
Benzene	60	4800	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Bromobenzene	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U
Bromochloromethane	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U
Bromodichloromethane	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Bromoform	--	--	UG/KG	6 U	7.2 U	8.3 U	4.9 U	6.1 U
Bromomethane	--	--	UG/KG	3 U	3.6 U	4.2 U	2.4 U	3 U
Carbon Disulfide	--	--	UG/KG	15 U	18 U	21 U	12 U	15 U
Carbon Tetrachloride	760	2400	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Chlorobenzene	1100	100000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Chloroethane	--	--	UG/KG	3 U	3.6 U	4.2 U	2.4 U	3 U
Chloroform	370	49000	UG/KG	2.3 U	2.7 U	3.1 U	5.1	2.3 U
Chloromethane	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U
Cis-1,2-Dichloroethylene	250	100000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Cis-1,3-Dichloropropene	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Cymene	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Dibromochloromethane	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Dibromomethane	--	--	UG/KG	15 U	18 U	21 U	12 U	15 U
Dichlorodifluoromethane	--	--	UG/KG	15 U	18 U	21 U	12 U	15 U
Dichloroethylenes	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U
Ethylbenzene	1000	41000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
Hexachlorobutadiene	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U
Isopropylbenzene (Cumene)	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U
m,p-Xylene	--	--	UG/KG	3 U	3.6 U	4.2 U	2.4 U	3 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	15 U	18 U	21 U	12 U	15 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-1	SB-1	SB-2	SB-2	SB-3
				Sample Date:	05/01/2018	05/02/2018	05/01/2018	05/02/2018	04/30/2018
				Sample Depth (ft bls):	1	13	1	19	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	15 U	18 U	21 U	12 U	15 U	
Methylene Chloride	50	100000	UG/KG	15 U	18 U	21 U	3 J	15 U	
Naphthalene	12000	100000	UG/KG	7.6 U	0.8 J	10 U	6.1 U	7.6 U	
N-Butylbenzene	12000	100000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
N-Propylbenzene	3900	100000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	3 U	3.6 U	4.2 U	2.4 U	3 U	
Sec-Butylbenzene	11000	100000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
Styrene	--	--	UG/KG	3 U	3.6 U	4.2 U	2.4 U	3 U	
T-Butylbenzene	5900	100000	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
Tert-Butyl Methyl Ether	930	100000	UG/KG	3 U	3.6 U	4.2 U	2.4 U	3 U	
Tetrachloroethylene (PCE)	1300	19000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
Toluene	700	100000	UG/KG	2.3 U	2.7 U	3.1 U	1.8 U	2.3 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
Trans-1,2-Dichloroethene	190	100000	UG/KG	2.3 U	2.7 U	3.1 U	1.8 U	2.3 U	
Trans-1,3-Dichloropropene	--	--	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
Trichloroethylene (TCE)	470	21000	UG/KG	1.5 U	1.8 U	2.1 U	1.2 U	1.5 U	
Trichlorofluoromethane	--	--	UG/KG	7.6 U	9 U	10 U	6.1 U	7.6 U	
Vinyl Acetate	--	--	UG/KG	15 U	18 U	21 U	12 U	15 U	
Vinyl Chloride	20	900	UG/KG	3 U	3.6 U	4.2 U	2.4 U	3 U	
Xylenes	260	100000	UG/KG	3 U	3.6 U	4.2 U	2.4 U	3 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-3	SB-4	SB-4	SB-5	SB-5
Sample Date:				05/01/2018	04/30/2018	05/01/2018	04/30/2018	05/02/2018
Sample Depth (ft bls):				18	1	12.5	1	19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,1,1,2-Tetrachloroethane	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U
1,1,1-Trichloroethane (TCA)	680	100000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U
1,1,2,2-Tetrachloroethane	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U
1,1,2-Trichloroethane	--	--	UG/KG	1.5 U	2.2 U	1.8 U	2.4 U	1.8 U
1,1-Dichloroethane	270	26000	UG/KG	1.5 U	2.2 U	1.8 U	2.4 U	1.8 U
1,1-Dichloroethene	330	100000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U
1,1-Dichloropropene	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,2,3-Trichlorobenzene	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,2,3-Trichloropropane	--	--	UG/KG	10 U	15 U	12 U	16 U	12 U
1,2,4,5-Tetramethylbenzene	--	--	UG/KG	4.1 U	6 U	4.9 U	6.3 U	4.9 U
1,2,4-Trichlorobenzene	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,2,4-Trimethylbenzene	3600	52000	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,2-Dibromo-3-Chloropropane	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/KG	4.1 U	6 U	4.9 U	6.3 U	4.9 U
1,2-Dichlorobenzene	1100	100000	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,2-Dichloroethane	20	3100	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U
1,2-Dichloropropane	--	--	UG/KG	3.6 U	5.2 U	4.3 U	5.5 U	4.3 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,3-Dichlorobenzene	2400	49000	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,3-Dichloropropane	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,4-Dichlorobenzene	1800	13000	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
1,4-Diethyl Benzene	--	--	UG/KG	4.1 U	6 U	4.9 U	6.3 U	4.9 U
1,4-Dioxane (P-Dioxane)	100	13000	UG/KG	41 U	60 U	49 U	63 U	49 U
2,2-Dichloropropane	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
2-Chlorotoluene	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U
2-Hexanone	--	--	UG/KG	10 U	15 U	12 U	16 U	12 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-3	SB-4	SB-4	SB-5	SB-5
				Sample Date:	05/01/2018	04/30/2018	05/01/2018	04/30/2018	05/02/2018
				Sample Depth (ft bls):	18	1	12.5	1	19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
4-Chlorotoluene	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
4-Ethyltoluene	--	--	UG/KG	4.1 U	6 U	4.9 U	6.3 U	4.9 U	
Acetone	50	100000	UG/KG	6.2 J	15 U	12	16 U	3.1 J	
Acrylonitrile	--	--	UG/KG	10 U	15 U	12 U	16 U	12 U	
Benzene	60	4800	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Bromobenzene	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
Bromochloromethane	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
Bromodichloromethane	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Bromoform	--	--	UG/KG	4.1 U	6 U	4.9 U	6.3 U	4.9 U	
Bromomethane	--	--	UG/KG	2 U	3 U	2.4 U	3.2 U	2.5 U	
Carbon Disulfide	--	--	UG/KG	10 U	15 U	12 U	16 U	12 U	
Carbon Tetrachloride	760	2400	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Chlorobenzene	1100	100000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Chloroethane	--	--	UG/KG	2 U	3 U	2.4 U	3.2 U	2.5 U	
Chloroform	370	49000	UG/KG	2.8	2.2 U	1.8 U	2.4 U	4.4	
Chloromethane	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
Cis-1,2-Dichloroethylene	250	100000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Cis-1,3-Dichloropropene	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Cymene	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Dibromochloromethane	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Dibromomethane	--	--	UG/KG	10 U	15 U	12 U	16 U	12 U	
Dichlorodifluoromethane	--	--	UG/KG	10 U	15 U	12 U	16 U	12 U	
Dichloroethylenes	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
Ethylbenzene	1000	41000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Hexachlorobutadiene	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
Isopropylbenzene (Cumene)	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
m,p-Xylene	--	--	UG/KG	2 U	3 U	2.4 U	3.2 U	2.5 U	
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	10 U	15 U	12 U	16 U	12 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-3	SB-4	SB-4	SB-5	SB-5
				Sample Date:	05/01/2018	04/30/2018	05/01/2018	04/30/2018	05/02/2018
				Sample Depth (ft bls):	18	1	12.5	1	19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	10 U	15 U	12 U	16 U	12 U	
Methylene Chloride	50	100000	UG/KG	10 U	15 U	12 U	16 U	12 U	
Naphthalene	12000	100000	UG/KG	5.1 U	7.4 U	6.1 U	8.8	6.2 U	
N-Butylbenzene	12000	100000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
N-Propylbenzene	3900	100000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	2 U	3 U	2.4 U	3.2 U	2.5 U	
Sec-Butylbenzene	11000	100000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Styrene	--	--	UG/KG	2 U	3 U	2.4 U	3.2 U	2.5 U	
T-Butylbenzene	5900	100000	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
Tert-Butyl Methyl Ether	930	100000	UG/KG	2 U	3 U	2.4 U	3.2 U	2.5 U	
Tetrachloroethylene (PCE)	1300	19000	UG/KG	1 U	1.5 U	1.2 U	0.57 J	0.4 J	
Toluene	700	100000	UG/KG	1.5 U	2.2 U	1.8 U	2.4 U	1.8 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Trans-1,2-Dichloroethene	190	100000	UG/KG	1.5 U	2.2 U	1.8 U	2.4 U	1.8 U	
Trans-1,3-Dichloropropene	--	--	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
Trichloroethylene (TCE)	470	21000	UG/KG	1 U	1.5 U	1.2 U	1.6 U	1.2 U	
Trichlorofluoromethane	--	--	UG/KG	5.1 U	7.4 U	6.1 U	7.9 U	6.2 U	
Vinyl Acetate	--	--	UG/KG	10 U	15 U	12 U	16 U	12 U	
Vinyl Chloride	20	900	UG/KG	2 U	3 U	2.4 U	3.2 U	2.5 U	
Xylenes	260	100000	UG/KG	2 U	3 U	2.4 U	3.2 U	2.5 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date: Sample Depth (ft bls):				SB-6	SB-6	SB-7	SB-7X	SB-8
				04/30/2018	05/02/2018	04/30/2018	05/03/2018	04/30/2018
				1	18	1	12.5	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,1,1,2-Tetrachloroethane	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
1,1,1-Trichloroethane (TCA)	680	100000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
1,1,2,2-Tetrachloroethane	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
1,1,2-Trichloroethane	--	--	UG/KG	2 U	1.8 U	1.9 U	1.4 U	1.4 U
1,1-Dichloroethane	270	26000	UG/KG	2 U	1.8 U	1.9 U	1.4 U	1.4 U
1,1-Dichloroethene	330	100000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
1,1-Dichloropropene	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,2,3-Trichlorobenzene	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,2,3-Trichloropropane	--	--	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U
1,2,4,5-Tetramethylbenzene	--	--	UG/KG	5.3 U	4.8 U	5.2 U	3.8 U	3.8 U
1,2,4-Trichlorobenzene	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,2,4-Trimethylbenzene	3600	52000	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,2-Dibromo-3-Chloropropane	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/KG	5.3 U	4.8 U	5.2 U	3.8 U	3.8 U
1,2-Dichlorobenzene	1100	100000	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,2-Dichloroethane	20	3100	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
1,2-Dichloropropane	--	--	UG/KG	4.6 U	4.2 U	4.5 U	3.4 U	3.3 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,3-Dichlorobenzene	2400	49000	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,3-Dichloropropane	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,4-Dichlorobenzene	1800	13000	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
1,4-Diethyl Benzene	--	--	UG/KG	5.3 U	4.8 U	5.2 U	3.8 U	3.8 U
1,4-Dioxane (P-Dioxane)	100	13000	UG/KG	53 U	48 U	52 U	38 U	38 U
2,2-Dichloropropane	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
2-Chlorotoluene	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
2-Hexanone	--	--	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-6	SB-6	SB-7	SB-7X	SB-8
Sample Date:				04/30/2018	05/02/2018	04/30/2018	05/03/2018	04/30/2018
Sample Depth (ft bls):				1	18	1	12.5	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
4-Chlorotoluene	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
4-Ethyltoluene	--	--	UG/KG	5.3 U	4.8 U	5.2 U	3.8 U	3.8 U
Acetone	50	100000	UG/KG	6.7 J	12 U	13 U	3.2 J	9.5 U
Acrylonitrile	--	--	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U
Benzene	60	4800	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Bromobenzene	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
Bromochloromethane	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
Bromodichloromethane	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Bromoform	--	--	UG/KG	5.3 U	4.8 U	5.2 U	3.8 U	3.8 U
Bromomethane	--	--	UG/KG	2.6 U	2.4 U	2.6 U	1.9 U	1.9 U
Carbon Disulfide	--	--	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U
Carbon Tetrachloride	760	2400	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Chlorobenzene	1100	100000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Chloroethane	--	--	UG/KG	2.6 U	2.4 U	2.6 U	1.9 U	1.9 U
Chloroform	370	49000	UG/KG	2 U	5.5	1.9 U	0.43 J	1.4 U
Chloromethane	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
Cis-1,2-Dichloroethylene	250	100000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Cis-1,3-Dichloropropene	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Cymene	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Dibromochloromethane	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Dibromomethane	--	--	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U
Dichlorodifluoromethane	--	--	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U
Dichloroethylenes	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
Ethylbenzene	1000	41000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Hexachlorobutadiene	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
Isopropylbenzene (Cumene)	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
m,p-Xylene	--	--	UG/KG	2.6 U	2.4 U	2.6 U	1.9 U	1.9 U
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date: Sample Depth (ft bls):				SB-6	SB-6	SB-7	SB-7X	SB-8
				04/30/2018	05/02/2018	04/30/2018	05/03/2018	04/30/2018
				1	18	1	12.5	1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U
Methylene Chloride	50	100000	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U
Naphthalene	12000	100000	UG/KG	0.2 J	6.1 U	6.5 U	4.8 U	4.7 U
N-Butylbenzene	12000	100000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
N-Propylbenzene	3900	100000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	2.6 U	2.4 U	2.6 U	1.9 U	1.9 U
Sec-Butylbenzene	11000	100000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Styrene	--	--	UG/KG	2.6 U	2.4 U	2.6 U	1.9 U	1.9 U
T-Butylbenzene	5900	100000	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
Tert-Butyl Methyl Ether	930	100000	UG/KG	2.6 U	2.4 U	2.6 U	1.9 U	1.9 U
Tetrachloroethylene (PCE)	1300	19000	UG/KG	0.73 J	1.2 U	1.3 U	0.96 U	0.95 U
Toluene	700	100000	UG/KG	2 U	1.8 U	1.9 U	1.4 U	1.4 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Trans-1,2-Dichloroethene	190	100000	UG/KG	2 U	1.8 U	1.9 U	1.4 U	1.4 U
Trans-1,3-Dichloropropene	--	--	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
Trichloroethylene (TCE)	470	21000	UG/KG	1.3 U	1.2 U	1.3 U	0.96 U	0.95 U
Trichlorofluoromethane	--	--	UG/KG	6.6 U	6.1 U	6.5 U	4.8 U	4.7 U
Vinyl Acetate	--	--	UG/KG	13 U	12 U	13 U	9.6 U	9.5 U
Vinyl Chloride	20	900	UG/KG	2.6 U	2.4 U	2.6 U	1.9 U	1.9 U
Xylenes	260	100000	UG/KG	2.6 U	2.4 U	2.6 U	1.9 U	1.9 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-8	SB-9	SB-9	SB-10	SB-10
Sample Date:				05/03/2018	05/01/2018	05/03/2018	05/01/2018	05/01/2018
Sample Depth (ft bls):				19	1	16	1	16
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,1,1,2-Tetrachloroethane	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U
1,1,1-Trichloroethane (TCA)	680	100000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U
1,1,2,2-Tetrachloroethane	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U
1,1,2-Trichloroethane	--	--	UG/KG	1.7 U	2.3 U	1.8 U	2.1 U	1.7 U
1,1-Dichloroethane	270	26000	UG/KG	1.7 U	2.3 U	1.8 U	2.1 U	1.7 U
1,1-Dichloroethene	330	100000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U
1,1-Dichloropropene	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,2,3-Trichlorobenzene	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,2,3-Trichloropropane	--	--	UG/KG	12 U	15 U	12 U	14 U	11 U
1,2,4,5-Tetramethylbenzene	--	--	UG/KG	4.6 U	6 U	4.8 U	5.7 U	4.5 U
1,2,4-Trichlorobenzene	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,2,4-Trimethylbenzene	3600	52000	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,2-Dibromo-3-Chloropropane	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/KG	4.6 U	6 U	4.8 U	5.7 U	4.5 U
1,2-Dichlorobenzene	1100	100000	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,2-Dichloroethane	20	3100	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U
1,2-Dichloropropane	--	--	UG/KG	4 U	5.3 U	4.2 U	5 U	4 U
1,3,5-Trimethylbenzene (Mesitylene)	8400	52000	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,3-Dichlorobenzene	2400	49000	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,3-Dichloropropane	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,4-Dichlorobenzene	1800	13000	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
1,4-Diethyl Benzene	--	--	UG/KG	4.6 U	6 U	4.8 U	5.7 U	4.5 U
1,4-Dioxane (P-Dioxane)	100	13000	UG/KG	46 U	60 U	48 U	57 U	45 U
2,2-Dichloropropane	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
2-Chlorotoluene	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U
2-Hexanone	--	--	UG/KG	12 U	15 U	12 U	14 U	11 U

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-8	SB-9	SB-9	SB-10	SB-10
				Sample Date:	05/03/2018	05/01/2018	05/03/2018	05/01/2018	05/01/2018
				Sample Depth (ft bls):	19	1	16	1	16
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
4-Chlorotoluene	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
4-Ethyltoluene	--	--	UG/KG	4.6 U	6 U	4.8 U	5.7 U	4.5 U	
Acetone	50	100000	UG/KG	16	15 U	5.6 J	9.4 J	25	
Acrylonitrile	--	--	UG/KG	12 U	15 U	12 U	14 U	11 U	
Benzene	60	4800	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Bromobenzene	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
Bromochloromethane	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
Bromodichloromethane	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Bromoform	--	--	UG/KG	4.6 U	6 U	4.8 U	5.7 U	4.5 U	
Bromomethane	--	--	UG/KG	2.3 U	3 U	2.4 U	2.8 U	2.3 U	
Carbon Disulfide	--	--	UG/KG	12 U	15 U	12 U	14 U	11 U	
Carbon Tetrachloride	760	2400	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Chlorobenzene	1100	100000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Chloroethane	--	--	UG/KG	2.3 U	3 U	2.4 U	2.8 U	2.3 U	
Chloroform	370	49000	UG/KG	6	2.3 U	0.58 J	2.1 U	1.7	
Chloromethane	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
Cis-1,2-Dichloroethylene	250	100000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Cis-1,3-Dichloropropene	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Cymene	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Dibromochloromethane	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Dibromomethane	--	--	UG/KG	12 U	15 U	12 U	14 U	11 U	
Dichlorodifluoromethane	--	--	UG/KG	12 U	15 U	12 U	14 U	11 U	
Dichloroethylenes	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
Ethylbenzene	1000	41000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Hexachlorobutadiene	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
Isopropylbenzene (Cumene)	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
m,p-Xylene	--	--	UG/KG	2.3 U	3 U	2.4 U	2.8 U	2.3 U	
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	12 U	15 U	12 U	14 U	11 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-8	SB-9	SB-9	SB-10	SB-10
				Sample Date:	05/03/2018	05/01/2018	05/03/2018	05/01/2018	05/01/2018
				Sample Depth (ft bls):	19	1	16	1	16
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	12 U	15 U	12 U	14 U	11 U	
Methylene Chloride	50	100000	UG/KG	2.5 U	15 U	12 U	14 U	11 U	
Naphthalene	12000	100000	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
N-Butylbenzene	12000	100000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
N-Propylbenzene	3900	100000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	2.3 U	3 U	2.4 U	2.8 U	2.3 U	
Sec-Butylbenzene	11000	100000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Styrene	--	--	UG/KG	2.3 U	3 U	2.4 U	2.8 U	2.3 U	
T-Butylbenzene	5900	100000	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
Tert-Butyl Methyl Ether	930	100000	UG/KG	2.3 U	3 U	2.4 U	2.8 U	2.3 U	
Tetrachloroethylene (PCE)	1300	19000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Toluene	700	100000	UG/KG	1.7 U	2.3 U	1.8 U	2.1 U	1.7 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Trans-1,2-Dichloroethene	190	100000	UG/KG	1.7 U	2.3 U	1.8 U	2.1 U	1.7 U	
Trans-1,3-Dichloropropene	--	--	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
Trichloroethylene (TCE)	470	21000	UG/KG	1.2 U	1.5 U	1.2 U	1.4 U	1.1 U	
Trichlorofluoromethane	--	--	UG/KG	5.8 U	7.5 U	6 U	7.1 U	5.7 U	
Vinyl Acetate	--	--	UG/KG	12 U	15 U	12 U	14 U	11 U	
Vinyl Chloride	20	900	UG/KG	2.3 U	3 U	2.4 U	2.8 U	2.3 U	
Xylenes	260	100000	UG/KG	2.3 U	3 U	2.4 U	2.8 U	2.3 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-11	SB-11	SB-12	SB-12
				Sample Date:	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				Sample Depth (ft bls):	1	8	1	18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
4-Chlorotoluene	--	--	UG/KG	11 U	7.6 U	7.2 U	7 U	
4-Ethyltoluene	--	--	UG/KG	8.7 U	6.1 U	5.7 U	5.6 U	
Acetone	50	100000	UG/KG	18 J	15 U	14 U	4.6 J	
Acrylonitrile	--	--	UG/KG	22 U	15 U	14 U	14 U	
Benzene	60	4800	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Bromobenzene	--	--	UG/KG	11 U	7.6 U	7.2 U	7 U	
Bromochloromethane	--	--	UG/KG	11 U	7.6 U	7.2 U	7 U	
Bromodichloromethane	--	--	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Bromoform	--	--	UG/KG	8.7 U	6.1 U	5.7 U	5.6 U	
Bromomethane	--	--	UG/KG	4.4 U	3 U	2.9 U	2.8 U	
Carbon Disulfide	--	--	UG/KG	22 U	15 U	14 U	14 U	
Carbon Tetrachloride	760	2400	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Chlorobenzene	1100	100000	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Chloroethane	--	--	UG/KG	4.4 U	3 U	2.9 U	2.8 U	
Chloroform	370	49000	UG/KG	3.3 U	2.3 U	2.1 U	2 J	
Chloromethane	--	--	UG/KG	11 U	7.6 U	7.2 U	7 U	
Cis-1,2-Dichloroethylene	250	100000	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Cis-1,3-Dichloropropene	--	--	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Cymene	--	--	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Dibromochloromethane	--	--	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Dibromomethane	--	--	UG/KG	22 U	15 U	14 U	14 U	
Dichlorodifluoromethane	--	--	UG/KG	22 U	15 U	14 U	14 U	
Dichloroethylenes	--	--	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Diethyl Ether (Ethyl Ether)	--	--	UG/KG	11 U	7.6 U	7.2 U	7 U	
Ethylbenzene	1000	41000	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Hexachlorobutadiene	--	--	UG/KG	11 U	7.6 U	7.2 U	7 U	
Isopropylbenzene (Cumene)	--	--	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
m,p-Xylene	--	--	UG/KG	4.4 U	3 U	2.9 U	2.8 U	
Methyl Ethyl Ketone (2-Butanone)	120	100000	UG/KG	22 U	15 U	14 U	14 U	

Table 1. Summary of Volatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-11	SB-11	SB-12	SB-12
				Sample Date:	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				Sample Depth (ft bls):	1	8	1	18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/KG	22 U	15 U	14 U	14 U	
Methylene Chloride	50	100000	UG/KG	22 U	15 U	14 U	14 U	
Naphthalene	12000	100000	UG/KG	11 U	7.6 U	7.2 U	7 U	
N-Butylbenzene	12000	100000	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
N-Propylbenzene	3900	100000	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
O-Xylene (1,2-Dimethylbenzene)	--	--	UG/KG	4.4 U	3 U	2.9 U	2.8 U	
Sec-Butylbenzene	11000	100000	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Styrene	--	--	UG/KG	4.4 U	3 U	2.9 U	2.8 U	
T-Butylbenzene	5900	100000	UG/KG	11 U	7.6 U	7.2 U	7 U	
Tert-Butyl Methyl Ether	930	100000	UG/KG	4.4 U	3 U	2.9 U	2.8 U	
Tetrachloroethylene (PCE)	1300	19000	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Toluene	700	100000	UG/KG	3.3 U	2.3 U	2.1 U	2.1 U	
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Trans-1,2-Dichloroethene	190	100000	UG/KG	3.3 U	2.3 U	2.1 U	2.1 U	
Trans-1,3-Dichloropropene	--	--	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Trans-1,4-Dichloro-2-Butene	--	--	UG/KG	11 U	7.6 U	7.2 U	7 U	
Trichloroethylene (TCE)	470	21000	UG/KG	2.2 U	1.5 U	1.4 U	1.4 U	
Trichlorofluoromethane	--	--	UG/KG	11 U	7.6 U	7.2 U	7 U	
Vinyl Acetate	--	--	UG/KG	22 U	15 U	14 U	14 U	
Vinyl Chloride	20	900	UG/KG	4.4 U	3 U	2.9 U	2.8 U	
Xylenes	260	100000	UG/KG	4.4 U	3 U	2.9 U	2.8 U	

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-1	SB-1	SB-2	SB-2	SB-3
Sample Date:				05/01/2018	05/02/2018	05/01/2018	05/02/2018	04/30/2018
Sample Depth (ft bls):				0 - 2	12 - 14	0 - 2	17.5 - 19.5	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
1,2,4-Trichlorobenzene	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
1,2-Dichlorobenzene	1100	100000	UG/KG	200 U	180 U	250 U	200 U	190 U
1,3-Dichlorobenzene	2400	49000	UG/KG	200 U	180 U	250 U	200 U	190 U
1,4-Dichlorobenzene	1800	13000	UG/KG	200 U	180 U	250 U	200 U	190 U
2,4,5-Trichlorophenol	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
2,4,6-Trichlorophenol	--	--	UG/KG	120 U	110 U	150 U	120 U	120 U
2,4-Dichlorophenol	--	--	UG/KG	180 U	170 U	230 U	180 U	170 U
2,4-Dimethylphenol	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
2,4-Dinitrophenol	--	--	UG/KG	950 U	890 U	1200 U	960 U	920 U
2,4-Dinitrotoluene	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
2,6-Dinitrotoluene	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
2-Chloronaphthalene	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
2-Chlorophenol	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
2-Methylnaphthalene	--	--	UG/KG	61 J	37 J	300 U	240 U	230 U
2-Methylphenol (O-Cresol)	330	100000	UG/KG	200 U	180 U	250 U	200 U	190 U
2-Nitroaniline	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
2-Nitrophenol	--	--	UG/KG	430 U	400 U	550 U	430 U	420 U
3- And 4- Methylphenol (Total)	330	100000	UG/KG	80 J	43 J	370 U	290 U	280 U
3,3'-Dichlorobenzidine	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
3-Nitroaniline	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
4,6-Dinitro-2-Methylphenol	--	--	UG/KG	520 U	480 U	660 U	520 U	500 U
4-Bromophenyl Phenyl Ether	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
4-Chloro-3-Methylphenol	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
4-Chloroaniline	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
4-Chlorophenyl Phenyl Ether	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
4-Nitroaniline	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
4-Nitrophenol	--	--	UG/KG	280 U	260 U	360 U	280 U	270 U
Acenaphthene	20000	100000	UG/KG	100 J	25 J	200 U	160 U	150 U
Acenaphthylene	100000	100000	UG/KG	1300	1000	120 J	160 U	110 J
Acetophenone	--	--	UG/KG	200 U	180 U	76 J	200 U	190 U
Anthracene	100000	100000	UG/KG	930	420	93 J	120 U	79 J
Benzo(A)Anthracene	1000	1000	UG/KG	3200	1800	380	120 U	290
Benzo(A)Pyrene	1000	1000	UG/KG	2800	2000	370	160 U	290
Benzo(B)Fluoranthene	1000	1000	UG/KG	4400	3000	570	120 U	380

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-1	SB-1	SB-2	SB-2	SB-3
Sample Date:				05/01/2018	05/02/2018	05/01/2018	05/02/2018	04/30/2018
Sample Depth (ft bls):				0 - 2	12 - 14	0 - 2	17.5 - 19.5	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Benzo(G,H,I)Perylene	100000	100000	UG/KG	1600	1700	270	160 U	250
Benzo(K)Fluoranthene	800	3900	UG/KG	1300	1100	190	120 U	140
Benzoic Acid	--	--	UG/KG	640 U	600 U	820 U	650 U	620 U
Benzyl Alcohol	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
Benzyl Butyl Phthalate	--	--	UG/KG	72 J	180 U	160 J	200 U	190 U
Biphenyl (Diphenyl)	--	--	UG/KG	450 U	420 U	580 U	460 U	440 U
Bis(2-Chloroethoxy) Methane	--	--	UG/KG	210 U	200 U	270 U	220 U	210 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	UG/KG	180 U	170 U	230 U	180 U	170 U
Bis(2-Chloroisopropyl) Ether	--	--	UG/KG	240 U	220 U	300 U	240 U	230 U
Bis(2-Ethylhexyl) Phthalate	--	--	UG/KG	390	180	520	200 U	360
Carbazole	--	--	UG/KG	470	280	52 J	200 U	42 J
Chrysene	1000	3900	UG/KG	3400	2100	460	120 U	290
Dibenz(A,H)Anthracene	330	330	UG/KG	500	370	64 J	120 U	50 J
Dibenzofuran	7000	59000	UG/KG	140 J	49 J	250 U	200 U	190 U
Diethyl Phthalate	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
Dimethyl Phthalate	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
Di-N-Butyl Phthalate	--	--	UG/KG	200 U	180 U	90 J	200 U	190 U
Di-N-Octylphthalate	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
Fluoranthene	100000	100000	UG/KG	5100	3700	620	120 U	530
Fluorene	30000	100000	UG/KG	220	86 J	250 U	200 U	21 J
Hexachlorobenzene	330	1200	UG/KG	120 U	110 U	150 U	120 U	120 U
Hexachlorobutadiene	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
Hexachlorocyclopentadiene	--	--	UG/KG	570 U	530 U	730 U	580 U	550 U
Hexachloroethane	--	--	UG/KG	160 U	150 U	200 U	160 U	150 U
Indeno(1,2,3-C,D)Pyrene	500	500	UG/KG	2000	1800	270	160 U	250
Isophorone	--	--	UG/KG	180 U	170 U	230 U	180 U	170 U
Naphthalene	12000	100000	UG/KG	110 J	44 J	250 U	200 U	190 U
Nitrobenzene	--	--	UG/KG	180 U	170 U	230 U	180 U	170 U
N-Nitrosodi-N-Propylamine	--	--	UG/KG	200 U	180 U	250 U	200 U	190 U
N-Nitrosodiphenylamine	--	--	UG/KG	160 U	150 U	200 U	160 U	150 U
Pentachlorophenol	800	6700	UG/KG	160 U	150 U	200 U	160 U	150 U
Phenanthrene	100000	100000	UG/KG	3200	1400	250	120 U	240
Phenol	330	100000	UG/KG	54 J	180 U	250 U	200 U	190 U
Pyrene	100000	100000	UG/KG	4300	3000	580	120 U	460

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-3	SB-4	SB-4	SB-5	SB-5
Sample Date:				05/01/2018	04/30/2018	05/01/2018	04/30/2018	05/02/2018
Sample Depth (ft bls):				17 - 19	0 - 2	11 - 13	0 - 2	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
1,2,4-Trichlorobenzene	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
1,2-Dichlorobenzene	1100	100000	UG/KG	190 U	200 U	190 U	210 U	200 U
1,3-Dichlorobenzene	2400	49000	UG/KG	190 U	200 U	190 U	210 U	200 U
1,4-Dichlorobenzene	1800	13000	UG/KG	190 U	200 U	190 U	210 U	200 U
2,4,5-Trichlorophenol	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
2,4,6-Trichlorophenol	--	--	UG/KG	110 U	120 U	110 U	120 U	120 U
2,4-Dichlorophenol	--	--	UG/KG	170 U	180 U	170 U	190 U	180 U
2,4-Dimethylphenol	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
2,4-Dinitrophenol	--	--	UG/KG	910 U	960 U	910 U	1000 U	960 U
2,4-Dinitrotoluene	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
2,6-Dinitrotoluene	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
2-Chloronaphthalene	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
2-Chlorophenol	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
2-Methylnaphthalene	--	--	UG/KG	230 U	32 J	62 J	360	240 U
2-Methylphenol (O-Cresol)	330	100000	UG/KG	190 U	200 U	190 U	210 U	200 U
2-Nitroaniline	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
2-Nitrophenol	--	--	UG/KG	410 U	430 U	410 U	450 U	430 U
3- And 4- Methylphenol (Total)	330	100000	UG/KG	270 U	290 U	270 U	88 J	290 U
3,3'-Dichlorobenzidine	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
3-Nitroaniline	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
4,6-Dinitro-2-Methylphenol	--	--	UG/KG	490 U	520 U	490 U	540 U	520 U
4-Bromophenyl Phenyl Ether	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
4-Chloro-3-Methylphenol	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
4-Chloroaniline	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
4-Chlorophenyl Phenyl Ether	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
4-Nitroaniline	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
4-Nitrophenol	--	--	UG/KG	260 U	280 U	260 U	290 U	280 U
Acenaphthene	20000	100000	UG/KG	150 U	190	320	570	160 U
Acenaphthylene	100000	100000	UG/KG	150 U	200	310	3600	160 U
Acetophenone	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
Anthracene	100000	100000	UG/KG	110 U	840	1000	2200	120 U
Benzo(A)Anthracene	1000	1000	UG/KG	110 U	2500	2100	6000	120 U
Benzo(A)Pyrene	1000	1000	UG/KG	150 U	2300	1700	6200	160 U
Benzo(B)Fluoranthene	1000	1000	UG/KG	110 U	2800	2400	10000	120 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-3	SB-4	SB-4	SB-5	SB-5
Sample Date:				05/01/2018	04/30/2018	05/01/2018	04/30/2018	05/02/2018
Sample Depth (ft bls):				17 - 19	0 - 2	11 - 13	0 - 2	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Benzo(G,H,I)Perylene	100000	100000	UG/KG	150 U	1400	1100	4400	160 U
Benzo(K)Fluoranthene	800	3900	UG/KG	110 U	920	840	2400	120 U
Benzoic Acid	--	--	UG/KG	610 U	640 U	610 U	680 U	650 U
Benzyl Alcohol	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
Benzyl Butyl Phthalate	--	--	UG/KG	190 U	990	190 U	71 J	200 U
Biphenyl (Diphenyl)	--	--	UG/KG	430 U	450 U	430 U	140 J	460 U
Bis(2-Chloroethoxy) Methane	--	--	UG/KG	200 U	220 U	200 U	230 U	220 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	UG/KG	170 U	180 U	170 U	190 U	180 U
Bis(2-Chloroisopropyl) Ether	--	--	UG/KG	230 U	240 U	230 U	250 U	240 U
Bis(2-Ethylhexyl) Phthalate	--	--	UG/KG	190 U	240	66 J	110 J	200 U
Carbazole	--	--	UG/KG	190 U	180 J	290	930	200 U
Chrysene	1000	3900	UG/KG	110 U	2200	1900	7200	120 U
Dibenz(A,H)Anthracene	330	330	UG/KG	110 U	310	310	1000	120 U
Dibenzofuran	7000	59000	UG/KG	190 U	140 J	280	1100	200 U
Diethyl Phthalate	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
Dimethyl Phthalate	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
Di-N-Butyl Phthalate	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
Di-N-Octylphthalate	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
Fluoranthene	100000	100000	UG/KG	110 U	4700	3800	25000	120 U
Fluorene	30000	100000	UG/KG	190 U	160 J	260	1200	200 U
Hexachlorobenzene	330	1200	UG/KG	110 U	120 U	110 U	120 U	120 U
Hexachlorobutadiene	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
Hexachlorocyclopentadiene	--	--	UG/KG	540 U	570 U	540 U	600 U	570 U
Hexachloroethane	--	--	UG/KG	150 U	160 U	150 U	170 U	160 U
Indeno(1,2,3-C,D)Pyrene	500	500	UG/KG	150 U	1600	1200	5100	160 U
Isophorone	--	--	UG/KG	170 U	180 U	170 U	190 U	180 U
Naphthalene	12000	100000	UG/KG	190 U	77 J	120 J	320	200 U
Nitrobenzene	--	--	UG/KG	170 U	180 U	170 U	190 U	180 U
N-Nitrosodi-N-Propylamine	--	--	UG/KG	190 U	200 U	190 U	210 U	200 U
N-Nitrosodiphenylamine	--	--	UG/KG	150 U	160 U	150 U	170 U	160 U
Pentachlorophenol	800	6700	UG/KG	150 U	160 U	150 U	170 U	160 U
Phenanthrene	100000	100000	UG/KG	110 U	2800	3600	22000	120 U
Phenol	330	100000	UG/KG	190 U	200 U	190 U	54 J	200 U
Pyrene	100000	100000	UG/KG	110 U	4100	3400	20000	120 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-6	SB-6	SB-7	SB-7	SB-8
Sample Date:				04/30/2018	05/02/2018	04/30/2018	05/03/2018	04/30/2018
Sample Depth (ft bls):				0 - 2	17 - 19	0 - 2	11 - 13	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
1,2,4-Trichlorobenzene	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
1,2-Dichlorobenzene	1100	100000	UG/KG	190 U	200 U	200 U	180 U	180 U
1,3-Dichlorobenzene	2400	49000	UG/KG	190 U	200 U	200 U	180 U	180 U
1,4-Dichlorobenzene	1800	13000	UG/KG	190 U	200 U	200 U	180 U	180 U
2,4,5-Trichlorophenol	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
2,4,6-Trichlorophenol	--	--	UG/KG	110 U	120 U	120 U	110 U	110 U
2,4-Dichlorophenol	--	--	UG/KG	170 U	180 U	180 U	160 U	160 U
2,4-Dimethylphenol	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
2,4-Dinitrophenol	--	--	UG/KG	900 U	960 U	960 U	860 U	860 U
2,4-Dinitrotoluene	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
2,6-Dinitrotoluene	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
2-Chloronaphthalene	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
2-Chlorophenol	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
2-Methylnaphthalene	--	--	UG/KG	34 J	240 U	240 U	220 U	220 U
2-Methylphenol (O-Cresol)	330	100000	UG/KG	190 U	200 U	200 U	180 U	180 U
2-Nitroaniline	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
2-Nitrophenol	--	--	UG/KG	410 U	430 U	430 U	390 U	390 U
3- And 4- Methylphenol (Total)	330	100000	UG/KG	51 J	290 U	290 U	260 U	260 U
3,3'-Dichlorobenzidine	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
3-Nitroaniline	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	UG/KG	490 U	520 U	520 U	470 U	470 U
4-Bromophenyl Phenyl Ether	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
4-Chloro-3-Methylphenol	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
4-Chloroaniline	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
4-Nitroaniline	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
4-Nitrophenol	--	--	UG/KG	260 U	280 U	280 U	250 U	250 U
Acenaphthene	20000	100000	UG/KG	42 J	160 U	33 J	20 J	140 U
Acenaphthylene	100000	100000	UG/KG	1000	160 U	140 J	140 U	84 J
Acetophenone	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
Anthracene	100000	100000	UG/KG	580	120 U	150	160	44 J
Benzo(A)Anthracene	1000	1000	UG/KG	1400	120 U	480	250	140
Benzo(A)Pyrene	1000	1000	UG/KG	1600	160 U	440	220	150
Benzo(B)Fluoranthene	1000	1000	UG/KG	2300	120 U	600	240	200

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-6	SB-6	SB-7	SB-7	SB-8
Sample Date:				04/30/2018	05/02/2018	04/30/2018	05/03/2018	04/30/2018
Sample Depth (ft bls):				0 - 2	17 - 19	0 - 2	11 - 13	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Benzo(G,H,I)Perylene	100000	100000	UG/KG	1700	160 U	300	140	120 J
Benzo(K)Fluoranthene	800	3900	UG/KG	750	120 U	140	91 J	68 J
Benzoic Acid	--	--	UG/KG	610 U	650 U	650 U	580 U	580 U
Benzyl Alcohol	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
Benzyl Butyl Phthalate	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
Biphenyl (Diphenyl)	--	--	UG/KG	430 U	460 U	450 U	410 U	410 U
Bis(2-Chloroethoxy) Methane	--	--	UG/KG	200 U	220 U	220 U	190 U	190 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	UG/KG	170 U	180 U	180 U	160 U	160 U
Bis(2-Chloroisopropyl) Ether	--	--	UG/KG	230 U	240 U	240 U	220 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	UG/KG	110 J	200 U	160 J	180 U	180 U
Carbazole	--	--	UG/KG	310	200 U	40 J	18 J	21 J
Chrysene	1000	3900	UG/KG	1500	120 U	470	220	150
Dibenz(A,H)Anthracene	330	330	UG/KG	390	120 U	63 J	30 J	26 J
Dibenzofuran	7000	59000	UG/KG	72 J	200 U	200 U	17 J	180 U
Diethyl Phthalate	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
Dimethyl Phthalate	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
Di-N-Butyl Phthalate	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
Di-N-Octylphthalate	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
Fluoranthene	100000	100000	UG/KG	2400	120 U	830	550	240
Fluorene	30000	100000	UG/KG	79 J	200 U	42 J	39 J	180 U
Hexachlorobenzene	330	1200	UG/KG	110 U	120 U	120 U	110 U	110 U
Hexachlorobutadiene	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
Hexachlorocyclopentadiene	--	--	UG/KG	540 U	570 U	570 U	510 U	520 U
Hexachloroethane	--	--	UG/KG	150 U	160 U	160 U	140 U	140 U
Indeno(1,2,3-C,D)Pyrene	500	500	UG/KG	1600	160 U	310	140	120 J
Isophorone	--	--	UG/KG	170 U	180 U	180 U	160 U	160 U
Naphthalene	12000	100000	UG/KG	120 J	200 U	200 U	180 U	180 U
Nitrobenzene	--	--	UG/KG	170 U	180 U	180 U	160 U	160 U
N-Nitrosodi-N-Propylamine	--	--	UG/KG	190 U	200 U	200 U	180 U	180 U
N-Nitrosodiphenylamine	--	--	UG/KG	150 U	160 U	160 U	140 U	140 U
Pentachlorophenol	800	6700	UG/KG	150 U	160 U	160 U	140 U	140 U
Phenanthrene	100000	100000	UG/KG	1300	120 U	410	530	88 J
Phenol	330	100000	UG/KG	190 U	200 U	200 U	180 U	180 U
Pyrene	100000	100000	UG/KG	2000	120 U	790	520	210

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-8	SB-9	SB-9	SB-10	SB-10
Sample Date:				05/03/2018	05/01/2018	05/03/2018	05/01/2018	05/01/2018
Sample Depth (ft bls):				18 - 20	0 - 2	14.5 - 16.5	0 - 2	15 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
1,2,4,5-Tetrachlorobenzene	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
1,2,4-Trichlorobenzene	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
1,2-Dichlorobenzene	1100	100000	UG/KG	210 U	210 U	200 U	190 U	180 U
1,3-Dichlorobenzene	2400	49000	UG/KG	210 U	210 U	200 U	190 U	180 U
1,4-Dichlorobenzene	1800	13000	UG/KG	210 U	210 U	200 U	190 U	180 U
2,4,5-Trichlorophenol	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
2,4,6-Trichlorophenol	--	--	UG/KG	130 U	120 U	120 U	120 U	110 U
2,4-Dichlorophenol	--	--	UG/KG	190 U	190 U	180 U	170 U	160 U
2,4-Dimethylphenol	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
2,4-Dinitrophenol	--	--	UG/KG	1000 U	1000 U	940 U	920 U	880 U
2,4-Dinitrotoluene	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
2,6-Dinitrotoluene	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
2-Chloronaphthalene	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
2-Chlorophenol	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
2-Methylnaphthalene	--	--	UG/KG	250 U	250 U	240 U	26 J	220 U
2-Methylphenol (O-Cresol)	330	100000	UG/KG	210 U	210 U	200 U	190 U	180 U
2-Nitroaniline	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
2-Nitrophenol	--	--	UG/KG	460 U	450 U	420 U	420 U	390 U
3- And 4- Methylphenol (Total)	330	100000	UG/KG	300 U	72 J	280 U	280 U	260 U
3,3'-Dichlorobenzidine	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
3-Nitroaniline	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
4,6-Dinitro-2-Methylphenol	--	--	UG/KG	550 U	540 U	510 U	500 U	470 U
4-Bromophenyl Phenyl Ether	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
4-Chloro-3-Methylphenol	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
4-Chloroaniline	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
4-Chlorophenyl Phenyl Ether	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
4-Nitroaniline	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
4-Nitrophenol	--	--	UG/KG	300 U	290 U	270 U	270 U	260 U
Acenaphthene	20000	100000	UG/KG	170 U	170 U	160 U	60 J	140 U
Acenaphthylene	100000	100000	UG/KG	170 U	600	56 J	480	140 U
Acetophenone	--	--	UG/KG	210 U	26 J	200 U	190 U	180 U
Anthracene	100000	100000	UG/KG	130 U	250	120 U	430	110 U
Benzo(A)Anthracene	1000	1000	UG/KG	130 U	840	120	1700	37 J
Benzo(A)Pyrene	1000	1000	UG/KG	170 U	980	110 J	1500	140 U
Benzo(B)Fluoranthene	1000	1000	UG/KG	130 U	1500	140	2100	49 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-8	SB-9	SB-9	SB-10	SB-10
Sample Date:				05/03/2018	05/01/2018	05/03/2018	05/01/2018	05/01/2018
Sample Depth (ft bls):				18 - 20	0 - 2	14.5 - 16.5	0 - 2	15 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Benzo(G,H,I)Perylene	100000	100000	UG/KG	170 U	780	81 J	1100	28 J
Benzo(K)Fluoranthene	800	3900	UG/KG	130 U	580	56 J	770	110 U
Benzoic Acid	--	--	UG/KG	680 U	680 U	640 U	620 U	590 U
Benzyl Alcohol	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
Benzyl Butyl Phthalate	--	--	UG/KG	210 U	220	200 U	6600	180 U
Biphenyl (Diphenyl)	--	--	UG/KG	480 U	480 U	450 U	440 U	420 U
Bis(2-Chloroethoxy) Methane	--	--	UG/KG	230 U	220 U	210 U	210 U	200 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	UG/KG	190 U	190 U	180 U	170 U	160 U
Bis(2-Chloroisopropyl) Ether	--	--	UG/KG	250 U	250 U	240 U	230 U	220 U
Bis(2-Ethylhexyl) Phthalate	--	--	UG/KG	210 U	430	200 U	630	180 U
Carbazole	--	--	UG/KG	210 U	220	200 U	180 J	180 U
Chrysene	1000	3900	UG/KG	130 U	1000	120	1800	36 J
Dibenz(A,H)Anthracene	330	330	UG/KG	130 U	200	120 U	280	110 U
Dibenzofuran	7000	59000	UG/KG	210 U	28 J	200 U	70 J	180 U
Diethyl Phthalate	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
Dimethyl Phthalate	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
Di-N-Butyl Phthalate	--	--	UG/KG	210 U	60 J	200 U	120 J	180 U
Di-N-Octylphthalate	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
Fluoranthene	100000	100000	UG/KG	130 U	1400	240	3200	54 J
Fluorene	30000	100000	UG/KG	210 U	52 J	200 U	82 J	180 U
Hexachlorobenzene	330	1200	UG/KG	130 U	120 U	120 U	120 U	110 U
Hexachlorobutadiene	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
Hexachlorocyclopentadiene	--	--	UG/KG	600 U	600 U	560 U	550 U	520 U
Hexachloroethane	--	--	UG/KG	170 U	170 U	160 U	150 U	140 U
Indeno(1,2,3-C,D)Pyrene	500	500	UG/KG	170 U	840	86 J	1200	28 J
Isophorone	--	--	UG/KG	190 U	190 U	180 U	170 U	160 U
Naphthalene	12000	100000	UG/KG	210 U	50 J	200 U	78 J	180 U
Nitrobenzene	--	--	UG/KG	190 U	190 U	180 U	170 U	160 U
N-Nitrosodi-N-Propylamine	--	--	UG/KG	210 U	210 U	200 U	190 U	180 U
N-Nitrosodiphenylamine	--	--	UG/KG	170 U	170 U	160 U	150 U	140 U
Pentachlorophenol	800	6700	UG/KG	170 U	170 U	160 U	150 U	140 U
Phenanthrene	100000	100000	UG/KG	130 U	670	170	1700	23 J
Phenol	330	100000	UG/KG	210 U	32 J	200 U	190 U	180 U
Pyrene	100000	100000	UG/KG	130 U	1300	200	2900	51 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 2. Summary of Semivolatile Organic Compounds in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 3. Summary of Metals in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-1	SB-1	SB-2	SB-2	SB-3	SB-3
Sample Date:				05/01/2018	05/02/2018	05/01/2018	05/02/2018	04/30/2018	05/01/2018
Sample Depth (ft bls):				0 - 2	12 - 14	0 - 2	17.5 - 19.5	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Aluminum	--	--	MG/KG	4430	4720	3350	3700	5620	2280
Antimony	--	--	MG/KG	7.07	1.54 J	0.455 J	4.82 U	4.47 U	4.52 U
Arsenic	13	16	MG/KG	5.4	5.07	5.84	0.772 J	6.35	0.57 J
Barium	350	400	MG/KG	403	418	131	29.1	60.3	16.4
Beryllium	7.2	72	MG/KG	0.201 J	0.15 J	0.144 J	0.135 J	0.206 J	0.163 J
Cadmium	2.5	4.3	MG/KG	1.4	0.74 J	0.706 J	0.965 U	0.286 J	0.904 U
Calcium	--	--	MG/KG	14600	17400	17800	791	2130	343
Chromium, Total	30	180	MG/KG	17.4	20.8	12.8	12.6	7.13	7.04
Cobalt	--	--	MG/KG	3.99	4.55	3.19	4.36	2.68	2.04
Copper	50	270	MG/KG	5060	30.8	45.7	13	11.3	8.98
Iron	--	--	MG/KG	15200	9730	9000	7630	10900	4990
Lead	63	400	MG/KG	458	820	71.7	2.85 J	36.5	1.74 J
Magnesium	--	--	MG/KG	2670	2710	5180	1550	987	854
Manganese	1600	2000	MG/KG	222	205	199	327	133	144
Mercury	0.18	0.81	MG/KG	0.259	0.302	0.115	0.077 U	0.078	0.073 U
Nickel	30	310	MG/KG	14.9	9.4	7.92	8.88	6.25	3.7
Potassium	--	--	MG/KG	422	495	1060	391	303	247
Selenium	3.9	180	MG/KG	0.485 J	0.37 J	1.05 J	1.93 U	0.724 J	1.81 U
Silver	2	180	MG/KG	0.54 J	0.396 J	1.2 U	0.965 U	0.894 U	0.904 U
Sodium	--	--	MG/KG	128 J	259	137 J	73.5 J	35.6 J	47.4 J
Thallium	--	--	MG/KG	1.83 U	1.76 U	2.39 U	1.93 U	1.79 U	1.81 U
Vanadium	--	--	MG/KG	17.9	16.6	12.8	12.9	12.7	7.04
Zinc	109	10000	MG/KG	436	617	191	13.7	53.2	6.66

Table 3. Summary of Metals in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-4	SB-4	SB-5	SB-5	SB-6	SB-6
Sample Date:				04/30/2018	05/01/2018	04/30/2018	05/02/2018	04/30/2018	05/02/2018
Sample Depth (ft bls):				0 - 2	11 - 13	0 - 2	18 - 20	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Aluminum	--	--	MG/KG	5740	5470	8260	2470	4360	2600
Antimony	--	--	MG/KG	0.433 J	4.46 U	0.63 J	4.8 U	1.97 J	4.61 U
Arsenic	13	16	MG/KG	6.29	2.8	4.93	1.52	4.89	0.637 J
Barium	350	400	MG/KG	230	439	233	28.1	564	24.8
Beryllium	7.2	72	MG/KG	0.231 J	0.286 J	0.29 J	0.154 J	0.175 J	0.157 J
Cadmium	2.5	4.3	MG/KG	0.625 J	0.526 J	0.56 J	0.96 U	0.76 J	0.923 U
Calcium	--	--	MG/KG	21400	25900	13500	488	32000	697
Chromium, Total	30	180	MG/KG	12.5	13.8	11.2	6.96	12.1	10.8
Cobalt	--	--	MG/KG	4.28	5.22	4.05	2.57	3.76	2.91
Copper	50	270	MG/KG	35.3	20.7	22.3	9.85	20.1	8.08
Iron	--	--	MG/KG	10100	11400	10600	6110	10600	7440
Lead	63	400	MG/KG	178	79.4	319	2.28 J	460	2.52 J
Magnesium	--	--	MG/KG	3160	3700	2140	1160	3410	1170
Manganese	1600	2000	MG/KG	267	231	157	296	236	278
Mercury	0.18	0.81	MG/KG	0.466	0.187	0.288	0.076 U	0.335	0.076 U
Nickel	30	310	MG/KG	11	8.89	8.14	6.49	7.68	7.7
Potassium	--	--	MG/KG	849	1090	622	381	562	349
Selenium	3.9	180	MG/KG	0.471 J	0.303 J	0.39 J	1.92 U	0.568 J	1.84 U
Silver	2	180	MG/KG	0.962 U	0.892 U	1 U	0.96 U	0.874 U	0.923 U
Sodium	--	--	MG/KG	160 J	197	383	47.3 J	275	48.4 J
Thallium	--	--	MG/KG	1.92 U	1.78 U	2 U	1.92 U	1.75 U	1.84 U
Vanadium	--	--	MG/KG	26.2	18.4	21.6	9.12	16.6	10.5
Zinc	109	10000	MG/KG	225	293	265	9.39	474	10.3

Table 3. Summary of Metals in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-7	SB-7	SB-8	SB-8	SB-9	SB-9
Sample Date:				04/30/2018	05/03/2018	04/30/2018	05/03/2018	05/01/2018	05/03/2018
Sample Depth (ft bls):				0 - 2	11 - 13	0 - 2	18 - 20	0 - 2	14.5 - 16.5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Aluminum	--	--	MG/KG	4930	5480	4840	3790	3320	2900
Antimony	--	--	MG/KG	4.56 U	4.2 U	4.31 U	5.09 U	0.814 J	4.65 U
Arsenic	13	16	MG/KG	4.46	0.731 J	3.38	0.926 J	5.29	1.35
Barium	350	400	MG/KG	51.8	42.5	77.7	31.8	481	21.8
Beryllium	7.2	72	MG/KG	0.237 J	0.168 J	0.172 J	0.214 J	0.129 J	0.232 J
Cadmium	2.5	4.3	MG/KG	0.283 J	0.84 U	0.181 J	1.02 U	0.854 J	0.93 U
Calcium	--	--	MG/KG	2350	9830	11600	1070	39100	608
Chromium, Total	30	180	MG/KG	8.51	10.2	5.06	8.56	13.1	9.57
Cobalt	--	--	MG/KG	3.31	4.46	1.9	3.84	3.29	2.48
Copper	50	270	MG/KG	14.2	14.9	7.62	8.33	17	11.2
Iron	--	--	MG/KG	8370	9040	5590	9900	8530	7200
Lead	63	400	MG/KG	41.2	7.78	29.1	3.8 J	359	3.82 J
Magnesium	--	--	MG/KG	1720	2670	1940	1470	2040	979
Manganese	1600	2000	MG/KG	123	110	122	355	176	43.9
Mercury	0.18	0.81	MG/KG	0.136	0.022 J	0.098	0.081 U	0.79	0.077 U
Nickel	30	310	MG/KG	6.94	9.15	3.71	9.47	5.9	4.11
Potassium	--	--	MG/KG	382	1770	488	684	431	590
Selenium	3.9	180	MG/KG	0.31 J	1.68 U	1.72 U	2.03 U	0.457 J	1.86 U
Silver	2	180	MG/KG	0.913 U	0.84 U	0.861 U	1.02 U	0.993 U	0.93 U
Sodium	--	--	MG/KG	30.8 J	117 J	97.4 J	59 J	265	89.8 J
Thallium	--	--	MG/KG	1.82 U	1.68 U	1.72 U	2.03 U	1.98 U	1.86 U
Vanadium	--	--	MG/KG	14.1	13.6	9.65	13.2	12.3	10.2
Zinc	109	10000	MG/KG	58.6	23.4	70.4	14.8	622	10.5

Table 3. Summary of Metals in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 4. Summary of Polychlorinated Biphenyls in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:		SB-1	SB-1	SB-2	SB-2	SB-3	SB-3
				Sample Date:		05/01/2018	05/02/2018	05/01/2018	05/02/2018	04/30/2018	05/01/2018
				Sample Depth (ft bls):		0 - 2	12 - 14	0 - 2	17.5 - 19.5	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
PCB-1016 (Aroclor 1016)	--	--	UG/KG	39.7 U	37.2 U	50.5 U	40.7 U	39.5 U	37.6 U		
PCB-1221 (Aroclor 1221)	--	--	UG/KG	39.7 U	37.2 U	50.5 U	40.7 U	39.5 U	37.6 U		
PCB-1232 (Aroclor 1232)	--	--	UG/KG	39.7 U	37.2 U	50.5 U	40.7 U	39.5 U	37.6 U		
PCB-1242 (Aroclor 1242)	--	--	UG/KG	39.7 U	37.2 U	50.5 U	40.7 U	39.5 U	37.6 U		
PCB-1248 (Aroclor 1248)	--	--	UG/KG	39.7 U	37.2 U	50.5 U	40.7 U	39.5 U	37.6 U		
PCB-1254 (Aroclor 1254)	--	--	UG/KG	142	80.2	50.5 U	40.7 U	14.8 J	37.6 U		
PCB-1260 (Aroclor 1260)	--	--	UG/KG	174	37.2	20.1 J	40.7 U	14.4 J	37.6 U		
PCB-1262 (Aroclor 1262)	--	--	UG/KG	39.7 U	37.2 U	50.5 U	40.7 U	39.5 U	37.6 U		
PCB-1268 (Aroclor 1268)	--	--	UG/KG	38.8 J	15 J	50.5 U	40.7 U	39.5 U	37.6 U		
Polychlorinated Biphenyl (PCBs)	100	1000	UG/KG	355 J	132 J	20.1 J	40.7 U	29.2 J	37.6 U		

Table 4. Summary of Polychlorinated Biphenyls in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:					
				Sample Date:					
				Sample Depth (ft bls):					
				SB-4	SB-4	SB-5	SB-5	SB-6	SB-6
				04/30/2018	05/01/2018	04/30/2018	05/02/2018	04/30/2018	05/02/2018
				0 - 2	11 - 13	0 - 2	18 - 20	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
PCB-1016 (Aroclor 1016)	--	--	UG/KG	39 U	37.7 U	41.9 U	39.7 U	36.7 U	38.9 U
PCB-1221 (Aroclor 1221)	--	--	UG/KG	39 U	37.7 U	41.9 U	39.7 U	36.7 U	38.9 U
PCB-1232 (Aroclor 1232)	--	--	UG/KG	39 U	37.7 U	41.9 U	39.7 U	36.7 U	38.9 U
PCB-1242 (Aroclor 1242)	--	--	UG/KG	39 U	37.7 U	41.9 U	39.7 U	36.7 U	38.9 U
PCB-1248 (Aroclor 1248)	--	--	UG/KG	39 U	37.7 U	41.9 U	39.7 U	36.7 U	38.9 U
PCB-1254 (Aroclor 1254)	--	--	UG/KG	114	36.2 J	28.6 J	39.7 U	30.4 J	38.9 U
PCB-1260 (Aroclor 1260)	--	--	UG/KG	70.9	19.3 J	50.3 P	39.7 U	34.8 J	38.9 U
PCB-1262 (Aroclor 1262)	--	--	UG/KG	39 U	37.7 U	41.9 U	39.7 U	36.7 U	38.9 U
PCB-1268 (Aroclor 1268)	--	--	UG/KG	19 J	37.7 U	11.2 J	39.7 U	14.2 J	38.9 U
Polychlorinated Biphenyl (PCBs)	100	1000	UG/KG	204 J	55.5 J	90.1 J	39.7 U	79.4 J	38.9 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:					
				Sample Date:					
				Sample Depth (ft bls):					
				SB-7	SB-7	SB-8	SB-8	SB-9	SB-9
				04/30/2018	05/03/2018	04/30/2018	05/03/2018	05/01/2018	05/03/2018
				0 - 2	11 - 13	0 - 2	18 - 20	0 - 2	14.5 - 16.5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
PCB-1016 (Aroclor 1016)	--	--	UG/KG	39 U	35.8 U	35.4 U	40.4 U	40 U	38.6 U
PCB-1221 (Aroclor 1221)	--	--	UG/KG	39 U	35.8 U	35.4 U	40.4 U	40 U	38.6 U
PCB-1232 (Aroclor 1232)	--	--	UG/KG	39 U	35.8 U	35.4 U	40.4 U	40 U	38.6 U
PCB-1242 (Aroclor 1242)	--	--	UG/KG	39 U	35.8 U	35.4 U	40.4 U	40 U	38.6 U
PCB-1248 (Aroclor 1248)	--	--	UG/KG	39 U	35.8 U	35.4 U	40.4 U	40 U	38.6 U
PCB-1254 (Aroclor 1254)	--	--	UG/KG	20 JPI	35.8 U	6.84 J	40.4 U	56.6	38.6 U
PCB-1260 (Aroclor 1260)	--	--	UG/KG	26.3 J	35.8 U	7.74 J	40.4 U	63.6	38.6 U
PCB-1262 (Aroclor 1262)	--	--	UG/KG	39 U	35.8 U	35.4 U	40.4 U	40 U	38.6 U
PCB-1268 (Aroclor 1268)	--	--	UG/KG	4.57 J	35.8 U	35.4 U	40.4 U	26.1 J	38.6 U
Polychlorinated Biphenyl (PCBs)	100	1000	UG/KG	50.9 J	35.8 U	14.6 J	40.4 U	146 J	38.6 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:		SB-10	SB-10	SB-11	SB-11	SB-12	SB-12
				Sample Date:		05/01/2018	05/01/2018	05/01/2018	05/04/2018	04/30/2018	05/04/2018
				Sample Depth (ft bls):		0 - 2	15 - 17	0 - 2	8 - 10	0 - 2	17 - 19
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit								
PCB-1016 (Aroclor 1016)	--	--	UG/KG	37.9 U	35.6 U	37.1 U	42.2 U	38.6 U	37.4 U		
PCB-1221 (Aroclor 1221)	--	--	UG/KG	37.9 U	35.6 U	37.1 U	42.2 U	38.6 U	37.4 U		
PCB-1232 (Aroclor 1232)	--	--	UG/KG	37.9 U	35.6 U	37.1 U	42.2 U	38.6 U	37.4 U		
PCB-1242 (Aroclor 1242)	--	--	UG/KG	37.9 U	35.6 U	37.1 U	42.2 U	38.6 U	37.4 U		
PCB-1248 (Aroclor 1248)	--	--	UG/KG	37.9 U	35.6 U	37.1 U	42.2 U	38.6 U	37.4 U		
PCB-1254 (Aroclor 1254)	--	--	UG/KG	37.9 U	35.6 U	11.1 J	68.1	52.2 P	37.4 U		
PCB-1260 (Aroclor 1260)	--	--	UG/KG	37.9 U	35.6 U	17.4 J	42.2 U	42.4	37.4 U		
PCB-1262 (Aroclor 1262)	--	--	UG/KG	37.9 U	35.6 U	37.1 U	42.2 U	38.6 U	37.4 U		
PCB-1268 (Aroclor 1268)	--	--	UG/KG	37.9 U	35.6 U	8.28 J	42.2 U	19.2 J	37.4 U		
Polychlorinated Biphenyl (PCBs)	100	1000	UG/KG	37.9 U	35.6 U	36.8 J	68.1	114 J	37.4 U		

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-1	SB-1	SB-2	SB-2	SB-3
Sample Date:				05/01/2018	05/02/2018	05/01/2018	05/02/2018	04/30/2018
Sample Depth (ft bls):				0 - 2	12 - 14	0 - 2	17.5 - 19.5	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Aldrin	5	97	UG/KG	9.51 U	1.77 U	11.7 U	1.92 U	1.88 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	UG/KG	3.96 U	0.738 U	4.86 U	0.802 U	0.782 U
Alpha Endosulfan	2400	24000	UG/KG	9.51 U	1.77 U	11.7 U	1.92 U	1.88 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	UG/KG	9.51 U	1.77 U	11.7 U	1.92 U	1.88 U
Beta Endosulfan	2400	24000	UG/KG	5.22 JPI	1.77 U	11.7 U	1.92 U	7.36
Chlordane	--	--	UG/KG	77.3 U	14.4 U	94.8 U	15.6 U	15.2 U
cis-Chlordane	94	4200	UG/KG	42.1	84 PI	8.82 JPI	2.4 U	21.5 P
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	UG/KG	9.51 U	1.77 U	11.7 U	1.92 U	1.88 U
Dieldrin	5	200	UG/KG	33.3	146	23.3	1.2 U	20.2
Endosulfan Sulfate	2400	24000	UG/KG	3.96 U	0.738 U	6.96 P	0.802 U	0.782 U
Endrin	14	11000	UG/KG	3.96 U	0.738 U	4.86 U	0.802 U	0.782 U
Endrin Aldehyde	--	--	UG/KG	11.9 U	2.22 U	14.6 U	2.4 U	2.35 U
Endrin Ketone	--	--	UG/KG	9.51 U	1.77 U	11.7 U	1.92 U	1.88 U
Gamma Bhc (Lindane)	100	1300	UG/KG	3.96 U	0.738 U	4.86 U	0.802 U	0.782 U
Heptachlor	42	2100	UG/KG	4.76 U	4.25 P	5.84 U	0.962 U	0.939 U
Heptachlor Epoxide	--	--	UG/KG	6.61 J	13 P	9.22 J	3.61 U	3.94 P
Methoxychlor	--	--	UG/KG	17.8 U	3.32 U	21.9 U	3.61 U	3.52 U
P,P'-DDD	3.3	13000	UG/KG	9.51 U	12.5 PI	5.77 J	1.92 U	1.88 U
P,P'-DDE	3.3	8900	UG/KG	29.6	37.6	18.2	1.92 U	66.4
P,P'-DDT	3.3	7900	UG/KG	235	307	60.6	3.61 U	128
Toxaphene	--	--	UG/KG	178 U	33.2 U	219 U	36.1 U	35.2 U
trans-Chlordane	--	--	UG/KG	40.6 P	65.5 PI	8.31 J	2.4 U	4.26 PI

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-3	SB-4	SB-4	SB-5	SB-5
Sample Date:				05/01/2018	04/30/2018	05/01/2018	04/30/2018	05/02/2018
Sample Depth (ft bls):				17 - 19	0 - 2	11 - 13	0 - 2	18 - 20
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Aldrin	5	97	UG/KG	1.77 U	1.86 U	1.77 U	2.03 U	1.85 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	UG/KG	0.736 U	0.774 U	0.738 U	0.846 U	0.77 U
Alpha Endosulfan	2400	24000	UG/KG	1.77 U	1.86 U	1.77 U	2.03 U	1.85 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	UG/KG	1.77 U	1.86 U	1.77 U	2.03 U	1.85 U
Beta Endosulfan	2400	24000	UG/KG	1.77 U	1.86 U	1.71 J	2.03 U	1.85 U
Chlordane	--	--	UG/KG	14.4 U	15.1 U	14.4 U	16.5 U	15 U
cis-Chlordane	94	4200	UG/KG	2.21 U	40.6 P	36.8	28.7 P	2.31 U
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	UG/KG	1.77 U	1.86 U	1.77 U	2.03 U	1.85 U
Dieldrin	5	200	UG/KG	1.1 U	15.4	95.8	23.3	1.16 U
Endosulfan Sulfate	2400	24000	UG/KG	0.736 U	0.774 U	0.738 U	0.846 U	0.77 U
Endrin	14	11000	UG/KG	0.736 U	0.774 U	0.738 U	0.846 U	0.77 U
Endrin Aldehyde	--	--	UG/KG	2.21 U	2.32 U	2.21 U	2.54 U	2.31 U
Endrin Ketone	--	--	UG/KG	1.77 U	1.86 U	1.77 U	2.03 U	1.85 U
Gamma Bhc (Lindane)	100	1300	UG/KG	0.736 U	0.774 U	0.738 U	0.846 U	0.77 U
Heptachlor	42	2100	UG/KG	0.883 U	0.87 J	0.557 JPI	1.01 U	0.924 U
Heptachlor Epoxide	--	--	UG/KG	3.31 U	5.58	1.55 JPI	4.81 P	3.46 U
Methoxychlor	--	--	UG/KG	3.31 U	3.48 U	3.32 U	3.8 U	3.46 U
P,P'-DDD	3.3	13000	UG/KG	1.77 U	9.64	13.9	13.2 P	1.85 U
P,P'-DDE	3.3	8900	UG/KG	1.77 U	27.5	68.7	62.9 P	1.85 U
P,P'-DDT	3.3	7900	UG/KG	3.31 U	103	318	106	3.46 U
Toxaphene	--	--	UG/KG	33.1 U	34.8 U	33.2 U	38 U	34.6 U
trans-Chlordane	--	--	UG/KG	2.21 U	14.5	34.2 PI	14.3	2.31 U

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-6	SB-6	SB-7	SB-7	SB-8
Sample Date:				04/30/2018	05/02/2018	04/30/2018	05/03/2018	04/30/2018
Sample Depth (ft bls):				0 - 2	17 - 19	0 - 2	11 - 13	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit					
Aldrin	5	97	UG/KG	1.77 U	1.91 U	1.88 U	1.68 U	1.67 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	UG/KG	0.739 U	0.794 U	0.782 U	0.701 U	0.697 U
Alpha Endosulfan	2400	24000	UG/KG	1.77 U	1.91 U	1.88 U	1.68 U	1.67 U
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	UG/KG	1.77 U	1.91 U	1.88 U	1.68 U	1.67 U
Beta Endosulfan	2400	24000	UG/KG	1.77 U	1.91 U	1.88 U	1.02 J	1.67 U
Chlordane	--	--	UG/KG	226	15.5 U	15.2 U	13.7 U	13.6 U
cis-Chlordane	94	4200	UG/KG	44.4	2.38 U	23.9 PI	1.73 J	10.7 P
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	UG/KG	1.77 U	1.91 U	1.88 U	1.68 U	1.67 U
Dieldrin	5	200	UG/KG	33	1.19 U	14.6	1.6	6.16
Endosulfan Sulfate	2400	24000	UG/KG	0.739 U	0.794 U	0.782 U	0.701 U	0.697 U
Endrin	14	11000	UG/KG	0.739 U	0.794 U	0.782 U	0.701 U	0.697 U
Endrin Aldehyde	--	--	UG/KG	2.22 U	2.38 U	2.34 U	2.1 U	2.09 U
Endrin Ketone	--	--	UG/KG	1.77 U	1.91 U	1.88 U	1.68 U	1.67 U
Gamma Bhc (Lindane)	100	1300	UG/KG	0.739 U	0.794 U	0.782 U	0.701 U	0.697 U
Heptachlor	42	2100	UG/KG	0.505 J	0.953 U	0.938 U	0.841 U	0.836 U
Heptachlor Epoxide	--	--	UG/KG	1.5 JPI	3.57 U	8.2	3.16 U	1.58 J
Methoxychlor	--	--	UG/KG	3.33 U	3.57 U	3.52 U	3.16 U	3.14 U
P,P'-DDD	3.3	13000	UG/KG	16.2 P	1.91 U	7.07	1.02 J	1.67 U
P,P'-DDE	3.3	8900	UG/KG	45.5	1.91 U	30.5	1.26 J	12
P,P'-DDT	3.3	7900	UG/KG	152	3.57 U	42.9	3.4	47.2
Toxaphene	--	--	UG/KG	33.3 U	35.7 U	35.2 U	31.6 U	31.4 U
trans-Chlordane	--	--	UG/KG	31.7	2.38 U	13 PI	0.857 J	6.06 P

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-8	SB-9	SB-9	SB-10	SB-10
				Sample Date:	05/03/2018	05/01/2018	05/03/2018	05/01/2018	05/01/2018
				Sample Depth (ft bls):	18 - 20	0 - 2	14.5 - 16.5	0 - 2	15 - 17
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Aldrin	5	97	UG/KG	1.98 U	9.92 U	1.85 U	1.81 U	1.71 U	
Alpha Bhc (Alpha Hexachlorocyclohexane)	20	480	UG/KG	0.826 U	4.13 U	0.77 U	0.756 U	0.714 U	
Alpha Endosulfan	2400	24000	UG/KG	1.98 U	9.92 U	1.85 U	1.81 U	1.71 U	
Beta Bhc (Beta Hexachlorocyclohexane)	36	360	UG/KG	1.98 U	9.92 U	1.85 U	1.81 U	1.71 U	
Beta Endosulfan	2400	24000	UG/KG	1.98 U	7.48 JPI	1.85 U	2.38 PI	1.71 U	
Chlordane	--	--	UG/KG	16.1 U	80.6 U	21.3	14.7 U	13.9 U	
cis-Chlordane	94	4200	UG/KG	2.48 U	69.4	4.8	39.1 PI	1.42 J	
Delta BHC (Delta Hexachlorocyclohexane)	40	100000	UG/KG	1.98 U	9.92 U	1.85 U	1.81 U	1.71 U	
Dieldrin	5	200	UG/KG	1.24 U	84.5	4.36	197	0.863 J	
Endosulfan Sulfate	2400	24000	UG/KG	0.826 U	4.13 U	0.77 U	0.756 U	0.714 U	
Endrin	14	11000	UG/KG	0.826 U	4.13 U	0.77 U	0.756 U	0.714 U	
Endrin Aldehyde	--	--	UG/KG	2.48 U	12.4 U	2.31 U	2.27 U	2.14 U	
Endrin Ketone	--	--	UG/KG	1.98 U	9.92 U	1.85 U	1.81 U	1.71 U	
Gamma Bhc (Lindane)	100	1300	UG/KG	0.826 U	4.13 U	0.77 U	0.756 U	0.714 U	
Heptachlor	42	2100	UG/KG	0.991 U	4.96 U	0.924 U	0.907 U	0.857 U	
Heptachlor Epoxide	--	--	UG/KG	3.72 U	7.33 J	3.46 U	7.98	3.21 U	
Methoxychlor	--	--	UG/KG	3.72 U	18.6 U	3.46 U	3.4 U	3.21 U	
P,P'-DDD	3.3	13000	UG/KG	1.98 U	81.5	4.54 P	4.91 PI	1.71 U	
P,P'-DDE	3.3	8900	UG/KG	1.98 U	46.2	4.53	29.9	1.45 J	
P,P'-DDT	3.3	7900	UG/KG	3.72 U	340	29.8	259	7.79	
Toxaphene	--	--	UG/KG	37.2 U	186 U	34.6 U	34 U	32.1 U	
trans-Chlordane	--	--	UG/KG	2.48 U	71.8 PI	2.75 PI	45.4	2.14 U	

Table 5. Summary of Pesticides and Herbicides in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-1	SB-1	SB-1	SB-1	SB-2	SB-2	SB-2
Sample Date:				05/01/2018	05/01/2018	05/02/2018	05/02/2018	05/01/2018	05/01/2018	05/02/2018
Sample Depth (ft bls):				0 - 2	1 - 1	12 - 14	13 - 13	0 - 2	1 - 1	17.5 - 19.5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit							
Total Solids	--	--	PERCENT	82.7	82.7	89.2	89.2	65.1	65.1	81.4

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-2	SB-3	SB-3	SB-3	SB-3	SB-4	SB-4
Sample Date:				05/02/2018	04/30/2018	04/30/2018	05/01/2018	05/01/2018	04/30/2018	04/30/2018
Sample Depth (ft bls):				19 - 19	0 - 2	1 - 1	17 - 19	18 - 18	0 - 2	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit							
Total Solids	--	--	PERCENT	81.4	83.8	83.8	87.2	87.2	81.9	81.9

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-4	SB-4	SB-5	SB-5	SB-5	SB-5	SB-6
Sample Date:				05/01/2018	05/01/2018	04/30/2018	04/30/2018	05/02/2018	05/02/2018	04/30/2018
Sample Depth (ft bls):				11 - 13	12.5 - 12.5	0 - 2	1 - 1	18 - 20	19 - 19	0 - 2
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit							
Total Solids	--	--	PERCENT	87	87	77.4	77.4	82.6	82.6	88.1

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-6	SB-6	SB-6	SB-7	SB-7	SB-7	SB-7X
Sample Date:				04/30/2018	05/02/2018	05/02/2018	04/30/2018	04/30/2018	05/03/2018	05/03/2018
Sample Depth (ft bls):				1 - 1	17 - 19	18 - 18	0 - 2	1 - 1	11 - 13	12.5 - 12.5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit							
Total Solids	--	--	PERCENT	88.1	82.4	82.4	83	83.8	92.3	86.6

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-8	SB-8	SB-8	SB-8	SB-9	SB-9	SB-9
Sample Date:				04/30/2018	04/30/2018	05/03/2018	05/03/2018	05/01/2018	05/01/2018	05/03/2018
Sample Depth (ft bls):				0 - 2	1 - 1	18 - 20	19 - 19	0 - 2	1 - 1	14.5 - 16.5
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit							
Total Solids	--	--	PERCENT	90.9	90.9	78.2	80.2	79	79	83.1

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-9	SB-10	SB-10	SB-10	SB-10	SB-11	SB-11
Sample Date:				05/03/2018	05/01/2018	05/01/2018	05/01/2018	05/01/2018	05/01/2018	05/01/2018
Sample Depth (ft bls):				16 - 16	0 - 2	1 - 1	15 - 17	16 - 16	0 - 2	1 - 1
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit							
Total Solids	--	--	PERCENT	86.5	85.7	85.7	89.8	89.8	88.2	88.2

Table 6. Summary of General Chemistry in Soil, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-11	SB-11	SB-12	SB-12	SB-12	SB-12
Sample Date:				05/04/2018	05/04/2018	04/30/2018	04/30/2018	05/04/2018	05/04/2018
Sample Depth (ft bls):				8 - 10	8 - 8	0 - 2	1 - 1	17 - 19	18 - 18
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	Unit						
Total Solids	--	--	PERCENT	74.8	82.2	85.1	85.1	86.6	80.8

Table 7. Summary of Volatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date:				SB-1 05/03/2018	SB-4 05/02/2018	SB-5 05/02/2018	SB-9 05/03/2018	SB-10 05/02/2018	SB-11 05/04/2018
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water- Quality Guidance Values	Unit						
1,1,1,2-Tetrachloroethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane (TCA)	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	--	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	--	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (P-Dioxane)	--	--	UG/L	250 U	250 U	250 U	250 U	250 U	250 U
2,2-Dichloropropane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	--	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 7. Summary of Volatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date:				SB-1 05/03/2018	SB-4 05/02/2018	SB-5 05/02/2018	SB-9 05/03/2018	SB-10 05/02/2018	SB-11 05/04/2018
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water- Quality Guidance Values	Unit						
4-Ethyltoluene	--	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	--	50	UG/L	1.5 J	5 U	1.8 J	1.8 J	5 U	3.8 J
Acrylonitrile	5	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	--	50	UG/L	0.65	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	--	50	UG/L	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	--	60	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	--	UG/L	39	30	28	21	31	29
Chloromethane	--	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	--	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cymene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	--	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Dichloroethylenes	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Diethyl Ether (Ethyl Ether)	--	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 7. Summary of Volatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date:				SB-1 05/03/2018	SB-4 05/02/2018	SB-5 05/02/2018	SB-9 05/03/2018	SB-10 05/02/2018	SB-11 05/04/2018
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water- Quality Guidance Values	Unit						
Methyl Ethyl Ketone (2-Butanone)	--	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	--	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Butylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Propylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
T-Butylbenzene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	--	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	--	UG/L	0.5 U	1.2	0.22 J	0.92	0.5 U	3.2
Toluene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	--	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethylene (TCE)	5	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Acetate	--	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	--	UG/L	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-1	SB-1	SB-4	SB-4
Sample Date:				05/03/2018	05/03/2018	05/02/2018	05/02/2018
Sample Note:					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
4-Chloroaniline	5	--	UG/L	5 U	5 U	4.8 U	5 U
4-Chlorophenyl Phenyl Ether	--	--	UG/L	2 U	2 U	1.9 U	2 U
4-Nitroaniline	5	--	UG/L	5 U	5 U	4.8 U	5 U
4-Nitrophenol	--	--	UG/L	10 U	10 U	9.6 U	10 U
Acenaphthene	--	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	--	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Acetophenone	--	--	UG/L	5 U	5 U	4.8 U	5 U
Anthracene	--	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(A)Anthracene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(A)Pyrene	0	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(B)Fluoranthene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(G,H,I)Perylene	--	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzo(K)Fluoranthene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Benzoic Acid	--	--	UG/L	50 U	50 U	48 U	50 U
Benzyl Alcohol	--	--	UG/L	2 U	2 U	1.9 U	2 U
Benzyl Butyl Phthalate	--	50	UG/L	5 U	5 U	4.8 U	5 U
Biphenyl (Diphenyl)	--	--	UG/L	2 U	2 U	1.9 U	2 U
Bis(2-Chloroethoxy) Methane	5	--	UG/L	5 U	5 U	4.8 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	--	UG/L	2 U	2 U	1.9 U	2 U
Bis(2-Chloroisopropyl) Ether	5	--	UG/L	2 U	2 U	1.9 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	--	UG/L	3 U	1.5 J	2.9 U	9.4
Carbazole	--	--	UG/L	2 U	2 U	1.9 U	2 U
Chrysene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date: Sample Note:				SB-1	SB-1	SB-4	SB-4
				05/03/2018	05/03/2018	05/02/2018	05/02/2018
					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
Dibenz(A,H)Anthracene	--	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Dibenzofuran	--	--	UG/L	2 U	2 U	1.9 U	2 U
Diethyl Phthalate	--	50	UG/L	5 U	5 U	4.8 U	5 U
Dimethyl Phthalate	--	50	UG/L	5 U	5 U	4.8 U	5 U
Di-N-Butyl Phthalate	50	--	UG/L	5 U	5 U	4.8 U	5 U
Di-N-Octylphthalate	--	--	UG/L	5 U	5 U	4.8 U	5 U
Fluoranthene	--	50	UG/L	0.11	0.06 J	0.1 U	0.1 U
Fluorene	--	50	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Hexachlorobenzene	0.04	--	UG/L	0.8 U	0.8 U	0.76 U	0.8 U
Hexachlorobutadiene	0.5	--	UG/L	0.5 U	0.5 U	0.48 U	0.5 U
Hexachlorocyclopentadiene	5	--	UG/L	20 U	20 U	19 U	20 U
Hexachloroethane	5	--	UG/L	0.8 U	0.8 U	0.76 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	--	0.002	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Isophorone	--	50	UG/L	5 U	5 U	4.8 U	5 U
Naphthalene	--	10	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Nitrobenzene	0.4	--	UG/L	2 U	2 U	1.9 U	2 U
N-Nitrosodi-N-Propylamine	--	--	UG/L	5 U	5 U	4.8 U	5 U
N-Nitrosodiphenylamine	--	50	UG/L	2 U	2 U	1.9 U	2 U
Pentachlorophenol	1	--	UG/L	0.8 U	0.8 U	0.76 U	0.8 U
Phenanthrene	--	50	UG/L	0.08 J	0.06 J	0.1 U	0.1 U
Phenol	1	--	UG/L	5 U	5 U	4.8 U	5 U
Pyrene	--	50	UG/L	0.08 J	0.1 U	0.1 U	0.1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-5	SB-5	SB-9	SB-9
Sample Date:				05/02/2018	05/02/2018	05/03/2018	05/03/2018
Sample Note:					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
1,2,4,5-Tetrachlorobenzene	--	--	UG/L	9.6 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	--	UG/L	4.8 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	--	UG/L	1.9 U	2 U	2 U	2 U
1,3-Dichlorobenzene	3	--	UG/L	1.9 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3	--	UG/L	1.9 U	2 U	2 U	2 U
2,4,5-Trichlorophenol	--	--	UG/L	4.8 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	--	--	UG/L	4.8 U	5 U	5 U	5 U
2,4-Dichlorophenol	5	--	UG/L	4.8 U	5 U	5 U	5 U
2,4-Dimethylphenol	--	50	UG/L	4.8 U	5 U	5 U	5 U
2,4-Dinitrophenol	--	10	UG/L	19 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	--	UG/L	4.8 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5	--	UG/L	4.8 U	5 U	5 U	5 U
2-Chloronaphthalene	--	10	UG/L	0.19 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	--	UG/L	1.9 U	2 U	2 U	2 U
2-Methylnaphthalene	--	--	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
2-Methylphenol (O-Cresol)	--	--	UG/L	4.8 U	5 U	5 U	5 U
2-Nitroaniline	5	--	UG/L	4.8 U	5 U	5 U	5 U
2-Nitrophenol	--	--	UG/L	9.6 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	--	--	UG/L	4.8 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5	--	UG/L	4.8 U	5 U	5 U	5 U
3-Nitroaniline	5	--	UG/L	4.8 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	--	--	UG/L	9.6 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	--	--	UG/L	1.9 U	2 U	2 U	2 U
4-Chloro-3-Methylphenol	--	--	UG/L	1.9 U	2 U	2 U	2 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date: Sample Note:				SB-5	SB-5	SB-9	SB-9
				05/02/2018	05/02/2018	05/03/2018	05/03/2018
					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
4-Chloroaniline	5	--	UG/L	4.8 U	5 U	5 U	5 U
4-Chlorophenyl Phenyl Ether	--	--	UG/L	1.9 U	2 U	2 U	2 U
4-Nitroaniline	5	--	UG/L	4.8 U	5 U	5 U	5 U
4-Nitrophenol	--	--	UG/L	9.6 U	10 U	10 U	10 U
Acenaphthene	--	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	--	20	UG/L	0.43	0.1 U	0.1 U	0.1 U
Acetophenone	--	--	UG/L	4.8 U	5 U	5 U	5 U
Anthracene	--	50	UG/L	0.16	0.1 U	0.1 U	0.1 U
Benzo(A)Anthracene	--	0.002	UG/L	0.94	0.1 U	0.1 U	0.1 U
Benzo(A)Pyrene	0	--	UG/L	1.2	0.1 U	0.1 U	0.1 U
Benzo(B)Fluoranthene	--	0.002	UG/L	2.2	0.1 U	0.1 U	0.1 U
Benzo(G,H,I)Perylene	--	--	UG/L	0.71	0.1 U	0.1 U	0.1 U
Benzo(K)Fluoranthene	--	0.002	UG/L	0.82	0.1 U	0.1 U	0.1 U
Benzoic Acid	--	--	UG/L	48 U	50 U	50 U	50 U
Benzyl Alcohol	--	--	UG/L	1.9 U	2 U	2 U	2 U
Benzyl Butyl Phthalate	--	50	UG/L	4.8 U	5 U	5 U	5 U
Biphenyl (Diphenyl)	--	--	UG/L	1.9 U	2 U	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	--	UG/L	4.8 U	5 U	5 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	--	UG/L	1.9 U	2 U	2 U	2 U
Bis(2-Chloroisopropyl) Ether	5	--	UG/L	1.9 U	2 U	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	--	UG/L	2.9 U	3 U	3 U	1 J
Carbazole	--	--	UG/L	1.9 U	2 U	2 U	2 U
Chrysene	--	0.002	UG/L	1.3	0.1 U	0.1 U	0.1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-5	SB-5	SB-9	SB-9
Sample Date:				05/02/2018	05/02/2018	05/03/2018	05/03/2018
Sample Note:					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
Dibenz(A,H)Anthracene	--	--	UG/L	0.2	0.1 U	0.1 U	0.1 U
Dibenzofuran	--	--	UG/L	1.9 U	2 U	2 U	2 U
Diethyl Phthalate	--	50	UG/L	4.8 U	5 U	5 U	5 U
Dimethyl Phthalate	--	50	UG/L	4.8 U	5 U	5 U	5 U
Di-N-Butyl Phthalate	50	--	UG/L	4.8 U	5 U	5 U	5 U
Di-N-Octylphthalate	--	--	UG/L	4.8 U	5 U	5 U	5 U
Fluoranthene	--	50	UG/L	2.6	0.06 J	0.1 U	0.1 U
Fluorene	--	50	UG/L	0.06 J	0.1 U	0.1 U	0.1 U
Hexachlorobenzene	0.04	--	UG/L	0.76 U	0.8 U	0.8 U	0.8 U
Hexachlorobutadiene	0.5	--	UG/L	0.48 U	0.5 U	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	--	UG/L	19 U	20 U	20 U	20 U
Hexachloroethane	5	--	UG/L	0.76 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	--	0.002	UG/L	0.81	0.1 U	0.1 U	0.1 U
Isophorone	--	50	UG/L	4.8 U	5 U	5 U	5 U
Naphthalene	--	10	UG/L	0.11	0.1 U	0.1 U	0.1 U
Nitrobenzene	0.4	--	UG/L	1.9 U	2 U	2 U	2 U
N-Nitrosodi-N-Propylamine	--	--	UG/L	4.8 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	--	50	UG/L	1.9 U	2 U	2 U	2 U
Pentachlorophenol	1	--	UG/L	0.76 U	0.8 U	0.8 U	0.8 U
Phenanthrene	--	50	UG/L	1.2	0.12	0.04 J	0.05 J
Phenol	1	--	UG/L	4.8 U	5 U	5 U	5 U
Pyrene	--	50	UG/L	2	0.04 J	0.1 U	0.1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-10	SB-10	SB-11	SB-11
Sample Date:				05/02/2018	05/02/2018	05/04/2018	05/04/2018
Sample Note:					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
1,2,4,5-Tetrachlorobenzene	--	--	UG/L	9.8 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	--	UG/L	4.9 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3	--	UG/L	2 U	2 U	2 U	2 U
1,3-Dichlorobenzene	3	--	UG/L	2 U	2 U	2 U	2 U
1,4-Dichlorobenzene	3	--	UG/L	2 U	2 U	2 U	2 U
2,4,5-Trichlorophenol	--	--	UG/L	4.9 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	--	--	UG/L	4.9 U	5 U	5 U	5 U
2,4-Dichlorophenol	5	--	UG/L	4.9 U	5 U	5 U	5 U
2,4-Dimethylphenol	--	50	UG/L	4.9 U	5 U	5 U	5 U
2,4-Dinitrophenol	--	10	UG/L	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	--	UG/L	4.9 U	5 U	5 U	5 U
2,6-Dinitrotoluene	5	--	UG/L	4.9 U	5 U	5 U	5 U
2-Chloronaphthalene	--	10	UG/L	0.2 U	0.2 U	0.2 U	0.2 U
2-Chlorophenol	--	--	UG/L	2 U	2 U	2 U	2 U
2-Methylnaphthalene	--	--	UG/L	0.1 U	0.1 U	0.09 J	0.1 U
2-Methylphenol (O-Cresol)	--	--	UG/L	4.9 U	5 U	5 U	5 U
2-Nitroaniline	5	--	UG/L	4.9 U	5 U	5 U	5 U
2-Nitrophenol	--	--	UG/L	9.8 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	--	--	UG/L	4.9 U	5 U	5 U	5 U
3,3'-Dichlorobenzidine	5	--	UG/L	4.9 U	5 U	5 U	5 U
3-Nitroaniline	5	--	UG/L	4.9 U	5 U	5 U	5 U
4,6-Dinitro-2-Methylphenol	--	--	UG/L	9.8 U	10 U	10 U	10 U
4-Bromophenyl Phenyl Ether	--	--	UG/L	2 U	2 U	2 U	2 U
4-Chloro-3-Methylphenol	--	--	UG/L	2 U	2 U	2 U	2 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date: Sample Note:				SB-10	SB-10	SB-11	SB-11
				05/02/2018	05/02/2018	05/04/2018	05/04/2018
					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
4-Chloroaniline	5	--	UG/L	4.9 U	5 U	5 U	5 U
4-Chlorophenyl Phenyl Ether	--	--	UG/L	2 U	2 U	2 U	2 U
4-Nitroaniline	5	--	UG/L	4.9 U	5 U	5 U	5 U
4-Nitrophenol	--	--	UG/L	9.8 U	10 U	10 U	10 U
Acenaphthene	--	20	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Acenaphthylene	--	20	UG/L	0.09 J	0.1 U	0.15	0.1 U
Acetophenone	--	--	UG/L	4.9 U	5 U	5 U	5 U
Anthracene	--	50	UG/L	0.07 J	0.1 U	0.09 J	0.1 U
Benzo(A)Anthracene	--	0.002	UG/L	0.35	0.1 U	0.1	0.1 U
Benzo(A)Pyrene	0	--	UG/L	0.33	0.1 U	0.1	0.1 U
Benzo(B)Fluoranthene	--	0.002	UG/L	0.48	0.1 U	0.14	0.1 U
Benzo(G,H,I)Perylene	--	--	UG/L	0.2	0.1 U	0.07 J	0.1 U
Benzo(K)Fluoranthene	--	0.002	UG/L	0.19	0.1 U	0.06 J	0.1 U
Benzoic Acid	--	--	UG/L	49 U	50 U	50 U	50 U
Benzyl Alcohol	--	--	UG/L	2 U	2 U	2 U	2 U
Benzyl Butyl Phthalate	--	50	UG/L	4.9 U	5 U	5 U	5 U
Biphenyl (Diphenyl)	--	--	UG/L	2 U	2 U	2 U	2 U
Bis(2-Chloroethoxy) Methane	5	--	UG/L	4.9 U	5 U	5 U	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	--	UG/L	2 U	2 U	2 U	2 U
Bis(2-Chloroisopropyl) Ether	5	--	UG/L	2 U	2 U	2 U	2 U
Bis(2-Ethylhexyl) Phthalate	5	--	UG/L	2.9 U	3 U	3 U	3 U
Carbazole	--	--	UG/L	2 U	2 U	2 U	2 U
Chrysene	--	0.002	UG/L	0.38	0.1 U	0.11	0.1 U

Table 8. Summary of Semivolatile Organic Compounds in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation: Sample Date: Sample Note:				SB-10	SB-10	SB-11	SB-11
				05/02/2018	05/02/2018	05/04/2018	05/04/2018
					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
Dibenz(A,H)Anthracene	--	--	UG/L	0.06 J	0.1 U	0.1 U	0.1 U
Dibenzofuran	--	--	UG/L	2 U	2 U	2 U	2 U
Diethyl Phthalate	--	50	UG/L	4.9 U	5 U	5 U	5 U
Dimethyl Phthalate	--	50	UG/L	4.9 U	5 U	5 U	5 U
Di-N-Butyl Phthalate	50	--	UG/L	4.9 U	5 U	5 U	5 U
Di-N-Octylphthalate	--	--	UG/L	4.9 U	5 U	5 U	5 U
Fluoranthene	--	50	UG/L	0.74	0.09 J	0.32	0.1 U
Fluorene	--	50	UG/L	0.1 U	0.1 U	0.17	0.1 U
Hexachlorobenzene	0.04	--	UG/L	0.78 U	0.8 U	0.8 U	0.8 U
Hexachlorobutadiene	0.5	--	UG/L	0.49 U	0.5 U	0.5 U	0.5 U
Hexachlorocyclopentadiene	5	--	UG/L	20 U	20 U	20 U	20 U
Hexachloroethane	5	--	UG/L	0.78 U	0.8 U	0.8 U	0.8 U
Indeno(1,2,3-C,D)Pyrene	--	0.002	UG/L	0.21	0.1 U	0.07 J	0.1 U
Isophorone	--	50	UG/L	4.9 U	5 U	5 U	5 U
Naphthalene	--	10	UG/L	0.1 U	0.1 U	0.19	0.1 U
Nitrobenzene	0.4	--	UG/L	2 U	2 U	2 U	2 U
N-Nitrosodi-N-Propylamine	--	--	UG/L	4.9 U	5 U	5 U	5 U
N-Nitrosodiphenylamine	--	50	UG/L	2 U	2 U	2 U	2 U
Pentachlorophenol	1	--	UG/L	0.78 U	0.8 U	0.8 U	0.8 U
Phenanthrene	--	50	UG/L	0.35	0.14	0.58	0.08 J
Phenol	1	--	UG/L	4.9 U	5 U	5 U	5 U
Pyrene	--	50	UG/L	0.69	0.07 J	0.24	0.1 U

Table 9. Summary of Metals in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 9. Summary of Metals in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-9	SB-9	SB-10	SB-10	SB-11	SB-11
Sample Date:				05/03/2018	05/03/2018	05/02/2018	05/02/2018	05/04/2018	05/04/2018
Sample Note:									
Sample Fraction:				Total	Dissolved	Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit						
Aluminum	--	--	UG/L	8150	3.96 J	2520	6.44 J	2440	16
Antimony	3	--	UG/L	1.67 J	0.85 J	2.29 J	0.85 J	2.2 J	1.27 J
Arsenic	25	--	UG/L	4.23	0.19 J	1.84	0.33 J	5.69	0.93
Barium	1000	--	UG/L	328.3	100.4	643.8	34.79	739	54.82
Beryllium	--	3	UG/L	0.8	0.5 U	0.24 J	0.5 U	0.24 J	0.5 U
Cadmium	5	--	UG/L	0.18 J	0.06 J	0.48	0.09 J	0.42	0.2 U
Calcium	--	--	UG/L	85500	79400	56500	55300	51000	33800
Chromium, Total	50	--	UG/L	32.15	1 U	11.88	1.81	14.17	4.24
Cobalt	--	--	UG/L	13.68	0.76	3.26	0.5 U	3.9	0.5 U
Copper	200	--	UG/L	43.76	1.74 J	12.29	1.13	15.9	0.95 J
Iron	300	--	UG/L	14600	50 U	3580	50 U	4220	50 U
Lead	25	--	UG/L	19.6	1 U	74.15	0.49 J	161.2	0.37 J
Magnesium	--	35000	UG/L	21600	17800	12300	12100	10600	8210
Manganese	300	--	UG/L	1540	212.5	471.7	11.72	479.4	17.98
Mercury	0.7	--	UG/L	0.2 U	0.2 U	0.13 J	0.2 U	0.2 U	0.2 U
Nickel	100	--	UG/L	19.88	1.88 J	6.79	2 U	7.38	2 U
Potassium	--	--	UG/L	5570	4420	3780	3720	3840	3360
Selenium	10	--	UG/L	2.47 J	5 U	5.37	4.69 J	5.76	5.33
Silver	50	--	UG/L	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Sodium	20000	--	UG/L	74000	68300	58000	59200	18800	19500
Thallium	--	0.5	UG/L	0.5 U	0.5 U	0.14 J	0.5 U	0.39 J	0.5 U
Vanadium	--	--	UG/L	29.98	5 U	8.52	5 U	9.32	5 U
Zinc	--	2000	UG/L	36.12	10 U	204.7	10.8	335.4	3.98 J

Table 10. Summary of Polychlorinated Biphenyls in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 10. Summary of Polychlorinated Biphenyls in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

				Sample Designation:	SB-5	SB-5	SB-9	SB-9
				Sample Date:	05/02/2018	05/02/2018	05/03/2018	05/03/2018
				Sample Note:		Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit					
PCB-1016 (Aroclor 1016)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1221 (Aroclor 1221)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1232 (Aroclor 1232)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1242 (Aroclor 1242)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1248 (Aroclor 1248)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1254 (Aroclor 1254)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1260 (Aroclor 1260)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1262 (Aroclor 1262)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
PCB-1268 (Aroclor 1268)	--	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U
Polychlorinated Biphenyl (PCBs)	0.09	--	UG/L	0.083 U	0.083 U	0.083 U	0.083 U	0.083 U

Table 10. Summary of Polychlorinated Biphenyls in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 11. Summary of Pesticides and Herbicides in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 11. Summary of Pesticides and Herbicides in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:				SB-5	SB-5	SB-9	SB-9
Sample Date:				05/02/2018	05/02/2018	05/03/2018	05/03/2018
Sample Note:					Filtered		Filtered
Parameter	NYSDEC Ambient Water-Quality Standards	NYSDEC Ambient Water-Quality Guidance Values	Unit				
Aldrin	0	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Endosulfan	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U
Beta Endosulfan	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U
Chlordane	0.05	--	UG/L	0.516	0.143 U	0.143 U	0.143 U
cis-Chlordane	--	--	UG/L	0.086	0.006 J	0.014 U	0.014 U
Delta BHC (Delta Hexachlorocyclohexane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U
Dieldrin	0.004	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U
Endosulfan Sulfate	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U
Endrin	0	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Aldehyde	5	--	UG/L	0.029 U	0.029 U	0.009 J	0.029 U
Endrin Ketone	--	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U
Gamma Bhc (Lindane)	--	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor	0.04	--	UG/L	0.006 J	0.014 U	0.014 U	0.014 U
Heptachlor Epoxide	0.03	--	UG/L	0.004 JPI	0.014 U	0.014 U	0.014 U
Methoxychlor	35	--	UG/L	0.143 U	0.143 U	0.143 U	0.143 U
P,P'-DDD	0.3	--	UG/L	0.027 J	0.029 U	0.029 U	0.029 U
P,P'-DDE	0.2	--	UG/L	0.116	0.004 J	0.029 U	0.029 U
P,P'-DDT	0.2	--	UG/L	0.496	0.01 J	0.004 J	0.029 U
Toxaphene	0.06	--	UG/L	0.143 U	0.143 U	0.143 U	0.143 U
trans-Chlordane	--	--	UG/L	0.054	0.005 J	0.014 U	0.014 U

Table 11. Summary of Pesticides and Herbicides in Groundwater, Sendero Verde Redevelopment Project, East Harlem, New York

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

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, Sendero Verde Redevelopment Project, East Harlem, New York

Sample Designation:		SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8
Sample Date:		05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018
Parameter	Unit								
1,1,1-Trichloroethane (TCA)	UG/M3	5.46 U	10.9 U	10.9 U	5.46 U	10.9 U	11 U	5.46 U	10.9 U
1,1,2,2-Tetrachloroethane	UG/M3	6.87 U	13.7 U	13.7 U	6.87 U	13.7 U	13.9 U	6.87 U	13.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	7.66 U	15.3 U	15.3 U	7.66 U	15.3 U	15.5 U	7.66 U	15.3 U
1,1,2-Trichloroethane	UG/M3	5.46 U	10.9 U	10.9 U	5.46 U	10.9 U	11 U	5.46 U	10.9 U
1,1-Dichloroethane	UG/M3	4.05 U	8.09 U	8.09 U	4.05 U	8.09 U	8.18 U	4.05 U	8.09 U
1,1-Dichloroethene	UG/M3	3.96 U	7.93 U	7.93 U	3.96 U	7.93 U	8.01 U	3.96 U	7.93 U
1,2,4-Trichlorobenzene	UG/M3	7.42 U	14.8 U	14.8 U	7.42 U	14.8 U	15 U	7.42 U	14.8 U
1,2,4-Trimethylbenzene	UG/M3	15	9.83 U	9.83 U	17.8	9.83 U	9.93 U	18.5	9.83 U
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	7.69 U	15.4 U	15.4 U	7.69 U	15.4 U	15.5 U	7.69 U	15.4 U
1,2-Dichlorobenzene	UG/M3	6.01 U	12 U	12 U	6.01 U	12 U	12.1 U	6.01 U	12 U
1,2-Dichloroethane	UG/M3	4.05 U	8.09 U	8.09 U	4.05 U	8.09 U	8.18 U	4.05 U	8.09 U
1,2-Dichloropropane	UG/M3	4.62 U	9.24 U	9.24 U	4.62 U	9.24 U	9.34 U	4.62 U	9.24 U
1,2-Dichlorotetrafluoroethane	UG/M3	6.99 U	14 U	14 U	6.99 U	14 U	14.1 U	6.99 U	14 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	4.92 U	9.83 U	9.83 U	4.92 U	9.83 U	9.93 U	4.92 U	9.83 U
1,3-Butadiene	UG/M3	2.21 U	4.42 U	4.42 U	2.21 U	4.42 U	4.47 U	2.21 U	4.42 U
1,3-Dichlorobenzene	UG/M3	6.01 U	12 U	12 U	6.01 U	12 U	12.1 U	6.01 U	12 U
1,4-Dichlorobenzene	UG/M3	6.01 U	12 U	12 U	6.01 U	12 U	12.1 U	6.01 U	12 U
1,4-Dioxane (P-Dioxane)	UG/M3	3.6 U	7.21 U	7.21 U	3.6 U	7.21 U	7.28 U	3.6 U	7.21 U
2,2,4-Trimethylpentane	UG/M3	4.67 U	9.34 U	9.34 U	4.67 U	9.34 U	9.43 U	4.67 U	9.34 U
2-Hexanone	UG/M3	161	253	150	107	194	371	150	287
4-Ethyltoluene	UG/M3	4.92 U	9.83 U	9.83 U	4.92 U	9.83 U	9.93 U	4.92 U	9.83 U
Acetone	UG/M3	120	349	456	347	551	822	257	485
Allyl Chloride (3-Chloropropene)	UG/M3	3.13 U	6.26 U	6.26 U	3.13 U	6.26 U	6.32 U	3.13 U	6.26 U
Benzene	UG/M3	3.19 U	6.39 U	6.39 U	3.19 U	6.39 U	6.45 U	3.19 U	6.39 U
Benzyl Chloride	UG/M3	5.18 U	10.4 U	10.4 U	5.18 U	10.4 U	10.5 U	5.18 U	10.4 U
Bromodichloromethane	UG/M3	6.7 U	13.4 U	13.4 U	6.7 U	13.4 U	13.5 U	6.7 U	13.4 U
Bromoform	UG/M3	10.3 U	20.7 U	20.7 U	10.3 U	20.7 U	20.9 U	10.3 U	20.7 U
Bromomethane	UG/M3	3.88 U	7.77 U	7.77 U	3.88 U	7.77 U	7.84 U	3.88 U	7.77 U
Carbon Disulfide	UG/M3	3.11 U	6.23 U	6.23 U	3.11 U	6.23 U	6.29 U	3.11 U	6.23 U
Carbon Tetrachloride	UG/M3	6.29 U	12.6 U	12.6 U	6.29 U	12.6 U	12.7 U	6.29 U	12.6 U
Chlorobenzene	UG/M3	4.61 U	9.21 U	9.21 U	4.61 U	9.21 U	9.3 U	4.61 U	9.21 U
Chloroethane	UG/M3	2.64 U	5.28 U	5.28 U	2.64 U	5.28 U	5.33 U	2.64 U	5.28 U
Chloroform	UG/M3	4.88 U	44.7	33.2	6.01	9.77 U	128	5.37	78.6
Chloromethane	UG/M3	2.07 U	4.13 U	4.13 U	2.07 U	4.13 U	4.17 U	2.07 U	4.13 U

Table 12. Summary of Volatile Organic Compounds in Soil Vapor, Sendero Verde Redevelopment Project, East Harlem, New York


Sample Designation:		SV-1	SV-2	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8
Sample Date:		05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018	05/04/2018
Parameter	Unit								
Cis-1,2-Dichloroethylene	UG/M3	3.96 U	7.93 U	7.93 U	3.96 U	7.93 U	8.01 U	3.96 U	7.93 U
Cis-1,3-Dichloropropene	UG/M3	4.54 U	9.08 U	9.08 U	4.54 U	9.08 U	9.17 U	4.54 U	9.08 U
Cyclohexane	UG/M3	3.44 U	6.88 U	6.88 U	3.44 U	6.88 U	6.95 U	3.44 U	6.88 U
Dibromochloromethane	UG/M3	8.52 U	17 U	17 U	8.52 U	17 U	17.2 U	8.52 U	17 U
Dichlorodifluoromethane	UG/M3	4.94 U	9.89 U	9.89 U	53.4	9.89 U	9.99 U	4.94 U	9.89 U
Ethanol	UG/M3	47.1 U	94.2 U	94.2 U	51.8	111	95.3 U	50.1	122
Ethyl Acetate	UG/M3	9.01 U	18 U	18 U	9.01 U	18 U	18.2 U	9.01 U	18 U
Ethylbenzene	UG/M3	4.34 U	8.69 U	8.69 U	4.34 U	8.69 U	8.77 U	4.43	8.69 U
Hexachlorobutadiene	UG/M3	10.7 U	21.3 U	21.3 U	10.7 U	21.3 U	21.5 U	10.7 U	21.3 U
Isopropanol	UG/M3	6.15 U	12.3 U	12.3 U	6.15 U	12.3 U	12.4 U	6.15 U	12.3 U
m,p-Xylene	UG/M3	14.9	17.4 U	17.4 U	14.9	17.4 U	17.5 U	16.4	17.4 U
Methyl Ethyl Ketone (2-Butanone)	UG/M3	817	1770	1340	1240	1710	2660	1400	2020
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	10.2 U	20.5 U	20.5 U	10.2 U	20.5 U	20.7 U	10.2 U	20.5 U
Methylene Chloride	UG/M3	8.69 U	17.4 U	17.4 U	8.69 U	17.4 U	17.6 U	8.69 U	17.4 U
N-Heptane	UG/M3	4.1 U	8.2 U	8.2 U	4.1 U	13.9	8.28 U	4.1 U	8.2 U
N-Hexane	UG/M3	3.52 U	7.05 U	7.05 U	3.52 U	20.7	7.12 U	3.52 U	7.05 U
O-Xylene (1,2-Dimethylbenzene)	UG/M3	7.3	8.69 U	8.69 U	6.69	8.69 U	8.77 U	7.47	8.69 U
Styrene	UG/M3	4.26 U	8.52 U	8.52 U	4.26 U	8.52 U	8.6 U	4.26 U	8.52 U
Tert-Butyl Alcohol	UG/M3	7.58 U	15.2 U	15.2 U	7.58 U	15.2 U	15.3 U	7.58 U	15.2 U
Tert-Butyl Methyl Ether	UG/M3	3.61 U	7.21 U	7.21 U	3.61 U	7.21 U	7.28 U	3.61 U	7.21 U
Tetrachloroethylene (PCE)	UG/M3	6.78 U	13.6 U	48.8	10.2	13.6 U	24.4	8.68	13.6 U
Tetrahydrofuran	UG/M3	7.37 U	14.7 U	14.7 U	7.37 U	14.7 U	14.9 U	7.37 U	14.7 U
Toluene	UG/M3	4.75	7.54 U	7.54 U	3.77 U	7.54 U	7.61 U	5.5	7.54 U
Trans-1,2-Dichloroethene	UG/M3	3.96 U	7.93 U	7.93 U	3.96 U	7.93 U	8.01 U	3.96 U	7.93 U
Trans-1,3-Dichloropropene	UG/M3	4.54 U	9.08 U	9.08 U	4.54 U	9.08 U	9.17 U	4.54 U	9.08 U
Trichloroethylene (TCE)	UG/M3	5.37 U	10.7 U	10.7 U	5.37 U	10.7 U	10.9 U	5.37 U	10.7 U
Trichlorofluoromethane	UG/M3	5.62 U	11.2 U	11.2 U	5.62 U	11.2 U	11.4 U	5.62 U	11.2 U
Vinyl Bromide	UG/M3	4.37 U	8.74 U	8.74 U	4.37 U	8.74 U	8.83 U	4.37 U	8.74 U
Vinyl Chloride	UG/M3	2.56 U	5.11 U	5.11 U	2.56 U	5.11 U	5.16 U	2.56 U	5.11 U

Phase II Environmental Site Assessment Report
Sendero Verde Redevelopment Project Site







FIGURE

1. Sample Location Map





LEGEND

-  APPROXIMATE LOCATION OF SOIL BORING
-  APPROXIMATE LOCATION OF SOIL BORING AND SOIL VAPOR SAMPLE
-  APPROXIMATE LOCATION OF SOIL BORING AND GROUNDWATER GRAB SAMPLE
-  APPROXIMATE LOCATION OF SOIL BORING, GROUNDWATER GRAB SAMPLE AND SOIL VAPOR SAMPLE
-  LOTS THAT ARE NOT PART OF SENDERO VERDE REDEVELOPMENT PROJECT
-  SITE BOUNDARY

20040


Feet

Title:

SAMPLE LOCATION MAP

SENDERO VERDE
REDEVELOPMENT PROJECT

Prepared For: SV-A OWNERS LLC
SV-B OWNERS LLC, SV-C OWNERS LLC

	Compiled by: J.M.	Date: 07JUN18	FIGURE 1
	Prepared by: M.S.R.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2984.0001Y000	
	File: 2984.0001Y103.1.mxd		

Phase II Environmental Site Assessment Report
Sendero Verde Redevelopment Project Site

APPENDICES

- A. Geophysical Survey Report
- B. Laboratory Analytical Reports

Phase II Environmental Site Assessment Report
Sendero Verde Redevelopment Project Site

APPENDIX A

Geophysical Survey Report

Results of Geophysical Investigation

Sendero Verde Redevelopment Project
New York, New York

Prepared for: **Roux, Inc.**
Islandia, New York

Dates of Investigation: **April 11-13, 2018**

Prepared by:



Russell Dobler
Geophysicist - Project Manager
NAEVA Geophysics, Inc.
225 N. Route 303, Suite 102
Congers, NY 10920

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Redevelopment Project, Manhattan, New York

Plate 2 EM-31 Inphase

Plate 3 EM-31 Quadrature

**Results of Geophysical Investigation
Sendero Verde Redevelopment Project
New York, New York**

Introduction

On April 11-13, NAEVA Geophysics, Inc. conducted a geophysical investigation at the Sendero Verde Redevelopment Project site, bounded by East 111th and 112th Streets and Madison and Park Avenues, in New York, New York.

The main purpose of this investigation was to search accessible portions of the approximately 2 1/3-acre site for detectable subsurface utilities and possible underground storage tanks (USTs) that may remain from former buildings that once occupied the site. Particular attention was given to 11 proposed exploratory boring sites (PEBSs) that were distributed across the property. We were also asked to investigate the sidewalks surrounding the site, but this effort was limited due to time and budgetary constraints.

The site was made up of a baseball field in the center, covered in grass and dirt, with large amounts of debris and stored materials covering the garden areas to the east and west. The site was surrounded by a chain-link fence (see Plate 1). The remaining building in the southwest corner of the site was not included in our investigation.

Methods

The equipment selected for this investigation was a Geonics EM-31 terrain conductivity meter, a Fisher TW-6 Pipe and Cable Locator (a type of handheld electromagnetic metal-detector), a MALA Geoscience ground penetrating radar (GPR) system with a 250 MHz antenna, a 3M Dynatel Cable Locator, and a Subsite 950 utility locator. In practical applications, the effective depth of penetration of the TW-6 is usually around 5 feet.

The EM-31 measures two components of an induced magnetic field. The first measured parameter is the in-phase component, which is a relative measurement between the induced magnetic field and the earth's magnetic field expressed in parts per thousand (ppt). The in-phase component is sensitive to metallic objects and, therefore, can be very useful in the detection of USTs. The EM-31's response is not very sensitive to small metallic items that may be entrained in the near surface soil, therefore metallic objects identified by this instrument tend to be large and significant. The second parameter is the quadrature-phase (or terrain conductivity) component, which is a measurement of the apparent soil conductivity expressed in millisiemens per meter (mS/m). Terrain conductivity is used to delineate areas of anomalously high or low conductivity that can be caused by landfill materials, former building foundations, or metallic objects. According to the manufacturer, the maximum depth of penetration of the EM-31 is approximately 18 feet.

Within the baseball field, a grid of parallel lines, spaced five feet apart, was established across the area of investigation. Reference points were marked at 40-foot intervals, where possible, along each line. EM-31 data was collected over this grid in auto-collect mode at a rate of five readings per second which, at walking speed, resulted in a data density of roughly 0.75 feet.

The EM-31 data was processed after the initial data collection to allow for field evaluation, and then again at NAEVA's office in Congers, New York, with additional software used to produce report-quality maps. The color contour maps of the inphase and quadrature data (Plates 2 and 3) were inspected for areas of anomalous response that could represent USTs or changes in subsurface materials, as well as linear features that could be caused by buried pipes, cables, or foundations. NAEVA attempted to reacquire anomalies depicted in the contour maps utilizing the TW-6 metal-detector and the GPR.

In general, the green colors on the contour maps represent the background response, with the blues representing low or negative anomalies and the reds representing the high or positive anomalies. Since the absolute values are not usually diagnostic, areas displayed in the data exhibiting relatively high or relatively low values in either data set were selected as anomalies. A negative response by the in-phase component is usually an indication of buried metal, and a positive response usually indicates the presence of at or near surface metal.

It should be noted that the EM-31 could not be used in the garden areas and was not used in the narrow portion of the site west of the outfield fence. The TW-6 was the main investigative tool in these areas, as well as near the surrounding chain-link fence.

Utility Investigation: NAEVA began its utility investigation by noting any manholes or utility exposures on the property. Radio frequency signals were conducted onto aboveground exposures of utilities in the sidewalk. Current-carrying electric lines and metallic lines to which electric lines are grounded produce electromagnetic fields that may be detectable at the surface. In addition, buried metallic lines often pick up and re-radiate background vibrations and commercial radio signals. The site was checked for evidence of these passive signals. GPR was used throughout the sidewalk in a reconnaissance fashion.

Results

EM-31 Investigation: NAEVA identified one metallic anomaly that displayed hyperbolic reflections in the GPR data that are often indicative of the presence of a UST, labeled "A" on Plates 1 and 2, and in Table 1. A total of 51 discrete metallic anomalies were marked on the site. Approximately 40 anomalies were identified in the EM-31 inphase data and were followed up on in the field, where some were found to be too small to likely represent USTs or were parts of larger anomalies.

Anomalies A – K were identified in the EM-31 inphase data and when reacquired in the field were found to be large enough to potentially represent USTs. Anomalies L – T are also large enough to potentially represent USTs buried at a typical depth (2-4 feet), but the possibility that any marked metallic anomaly represents a UST buried more deeply cannot be completely ruled out. Please note Anomaly U near the northern corner of Plate 2, and Anomalies V, W, and X in the southwestern portion of Plate 2, which were strong in the inphase data but could not be reacquired in the field, indicating they could potentially represent USTs buried deeply, beyond the reach of the TW-6 or GPR. Please also note that metallic anomalies within the area of EM-31 investigation that were not visible in the EM-31 data were not marked in the field.

Anomalies Y and Z were identified near the northern portion of the EM-31 quadrature data, (see Plate 3). These anomalies are in close proximity to others seen in the inphase data, though, indicating they may be associated with those. Still, the possibility that these anomalies may represent USTs cannot be completely ruled out.

Utility Investigation: A line was traced from a fill port near the northeastern corner of the sidewalk to the east, where it apparently terminated. This area of the sidewalk was reinforced, so the TW-6 metal-detector was ineffective in evaluating if a UST was present. GPR profiles collected at the line's termination point did not display the hyperbolic reflections characteristic of a UST, but reinforced concrete limits the depth of penetration of the GPR's signal and can obscure underlying targets.

NAEVA identified 21 different linear GPR anomalies and unknown lines trending toward the site, in the surrounding sidewalks. The interpretation of these anomalies is uncertain, though they may represent utility service lines for the buildings that once existed on the site. Two additional unknown lines in front of a retail building surrounded by the site likely represented the building's in-use utility services.

A water line was traced in the sidewalk to the southwest of the site. Electric lines were traced from light poles into the surrounding streets. A linear GPR anomaly and another unknown line were detected within the baseball field, near the dugouts and PEBS SB8-SV8.

Metal-detector anomalies, GPR anomalies, and unknown lines were marked with pink spray paint and pin flags. Electric lines and the water and fill line were marked according to the American Public Works Association Color Code. The PEBSs were marked with white pin flags. As always, NAEVA recommends using caution when excavating near any detected features and within areas of possible construction debris.

Table 1
Metallic Anomalies

<u>Anomaly</u>	<u>Approximate GPS Coordinate</u> <u>(easting, northing)</u>
<u>A</u>	<u>999267, 229549</u>
<u>B</u>	<u>999245, 229553</u>
<u>C</u>	<u>999219, 229561</u>
<u>D</u>	<u>999202, 229572</u>
<u>E</u>	<u>999204, 229588</u>
<u>F</u>	<u>999173, 229595</u>
<u>G</u>	<u>999139, 229659</u>
<u>H</u>	<u>999089, 229577</u>
<u>I</u>	<u>999097, 229508</u>
<u>J</u>	<u>999130, 229491</u>
<u>K</u>	<u>999233, 229479</u>
<u>L</u>	<u>999222, 229481</u>
<u>M</u>	<u>999238, 229502</u>
<u>N</u>	<u>999024, 229481</u>
<u>O</u>	<u>999072, 229485</u>
<u>P</u>	<u>999062, 229517</u>
<u>Q</u>	<u>999063, 229574</u>
<u>R</u>	<u>999024, 229642</u>
<u>S</u>	<u>998973, 229664</u>
<u>T</u>	<u>999339, 229564</u>
<u>U</u>	<u>999087, 229615</u>
<u>V</u>	<u>999160, 229494</u>
<u>W</u>	<u>999184, 229496</u>
<u>X</u>	<u>999189, 229526</u>
<u>Y</u>	<u>999158, 229639</u>
<u>Z</u>	<u>999194, 229618</u>

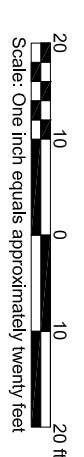
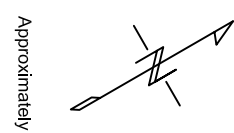
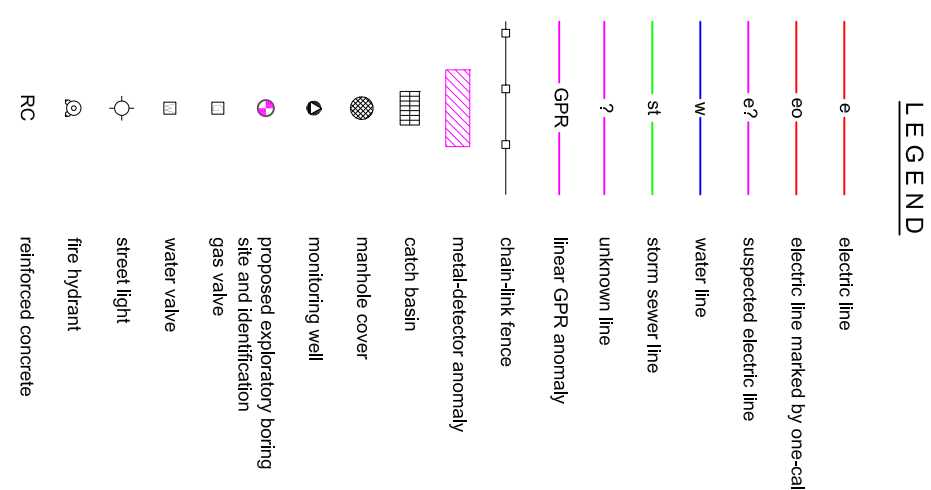
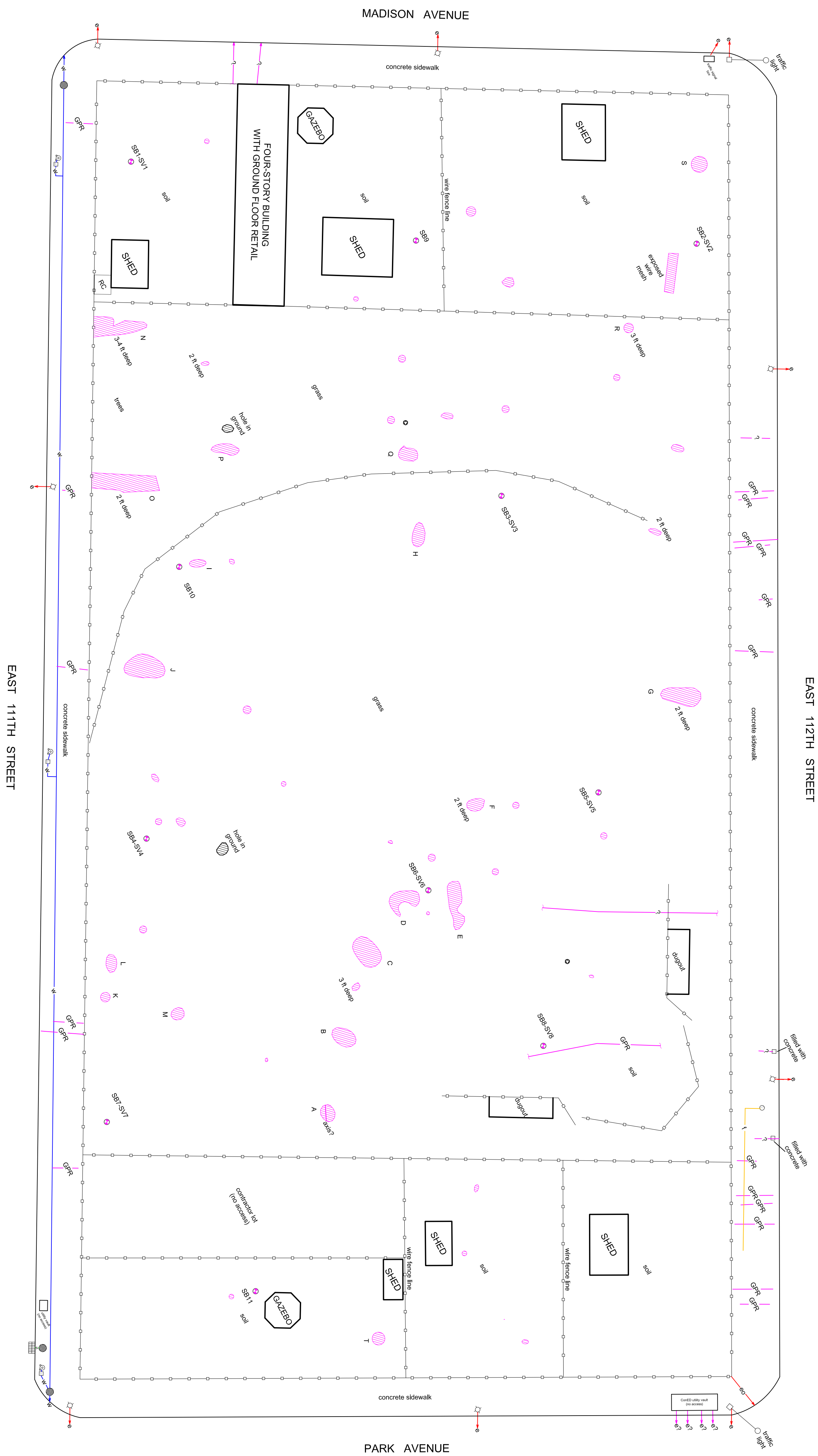
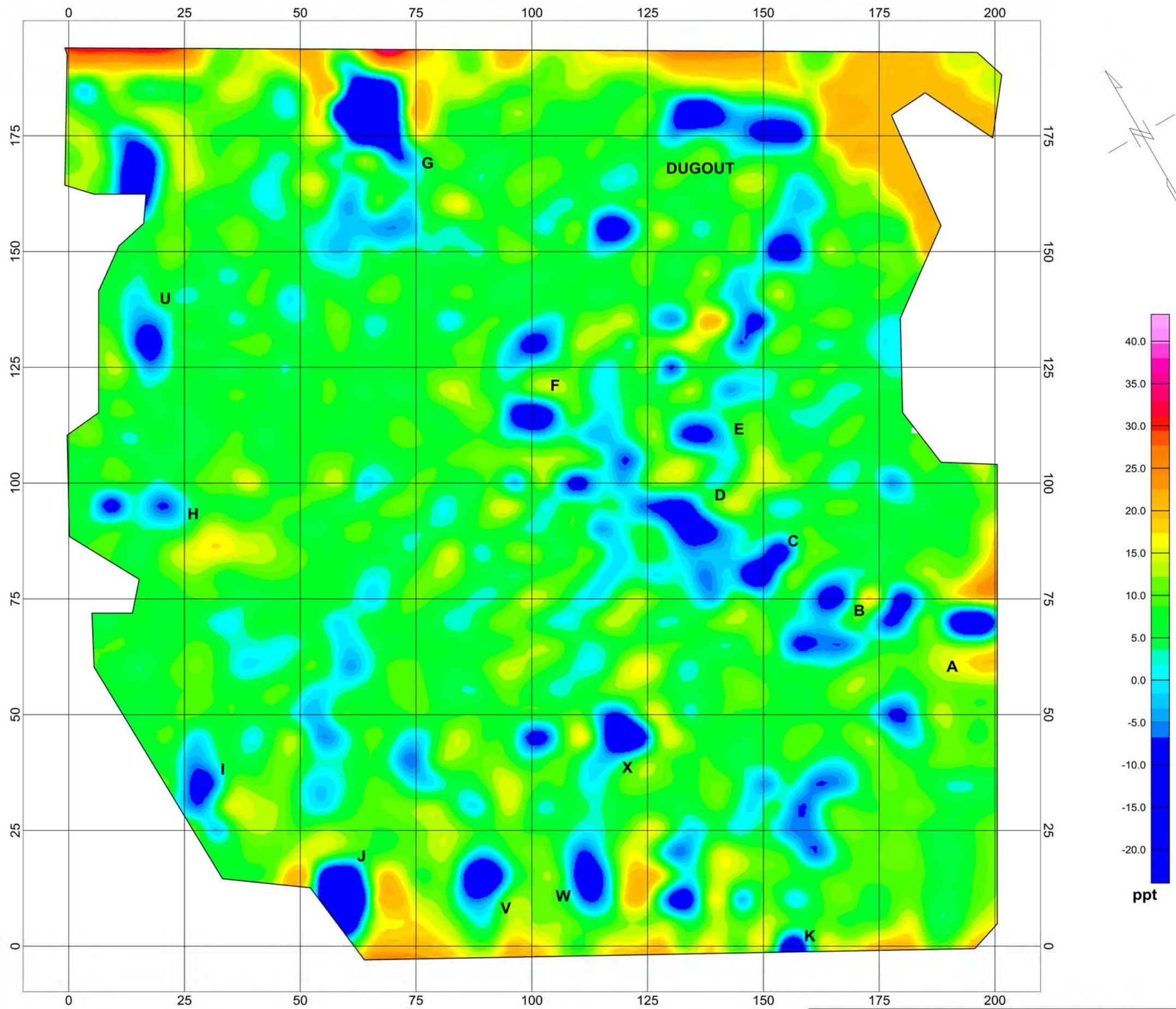


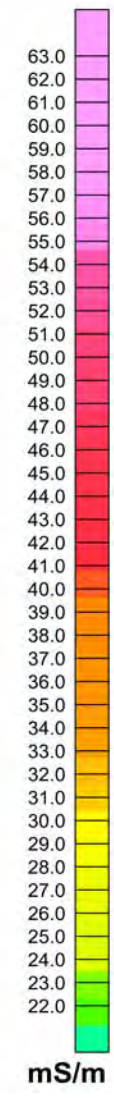
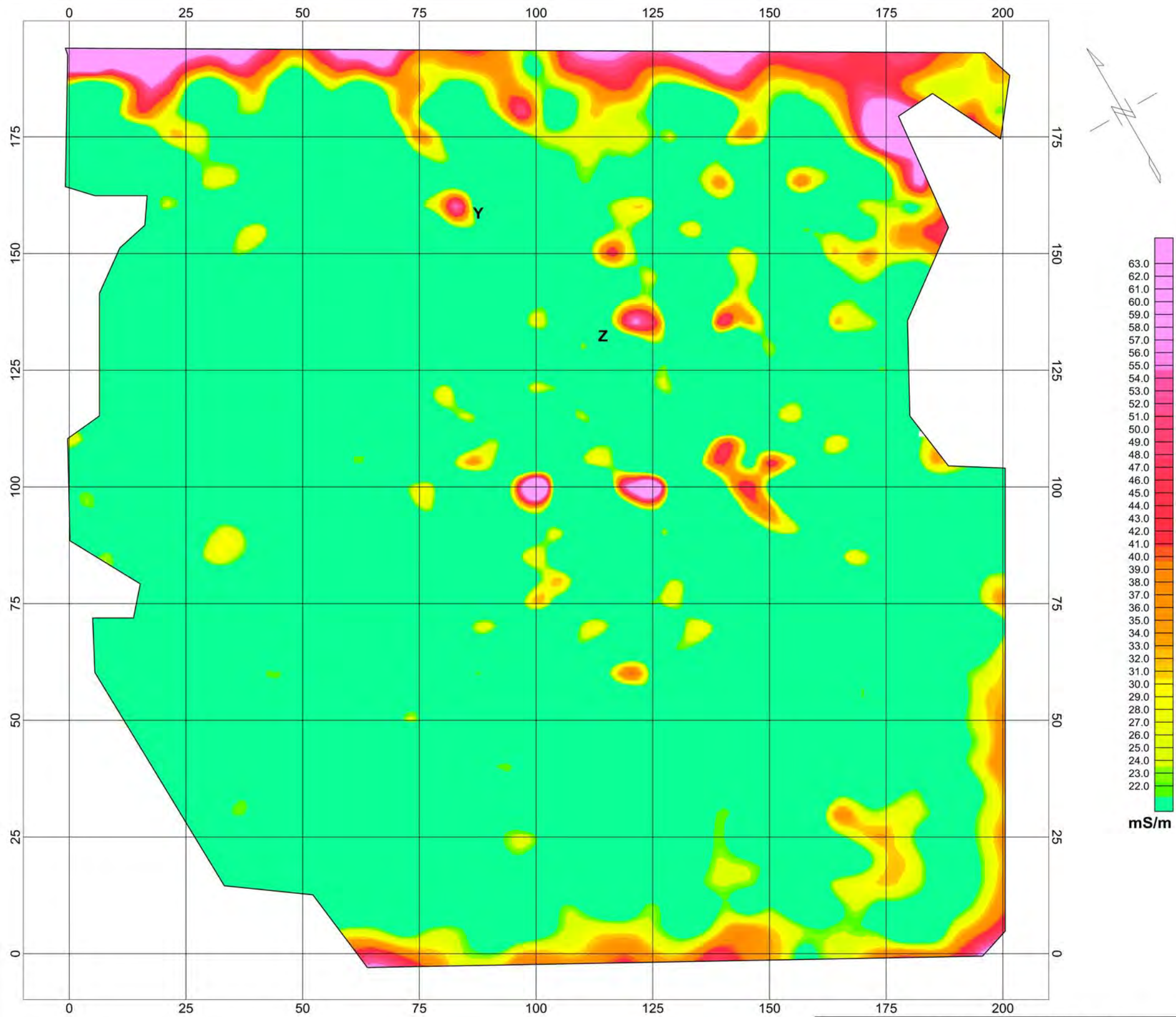
Plate 1. Results of a Geophysical Investigation
Sendero Verde Redevelopment Project
New York, New York

Client	Roux Associates, Inc.	Dates of Work	April 11-13, 2018
Project No.	C1804111R	Map By	Frank J. Amorosana

ALL UNDERGROUND FACILITIES MAY NOT BE DEPICTED ON THIS MAP



Roux Associates, Inc.
Plate 2. EM-31 Inhpase Sendero Verde Redevelopment Project Harlem, New York
Date of Survey: April 11 Map Created by: R. Dobler



Roux Associates, Inc.
Plate 3. EM-31 Quadrature Sendero Verde Redevelopment Project Harlem, New York
Date of Survey: April 11 Map Created by: R. Dobler

Phase II Environmental Site Assessment Report
Sendero Verde Redevelopment Project Site

APPENDIX B

Laboratory Analytical Reports



ANALYTICAL REPORT

Lab Number:	L1815370
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749
ATTN:	Julie Moriarity
Phone:	(631) 232-2600
Project Name:	SENDERO VERDE
Project Number:	2984.0001Y000
Report Date:	05/07/18

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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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1815370-01	SB-3 (0-2)	SOIL	EAST HARLEM, NY	04/30/18 09:30	05/01/18
L1815370-02	SB-5 (0-2)	SOIL	EAST HARLEM, NY	04/30/18 10:30	05/01/18
L1815370-03	SB-6 (0-2)	SOIL	EAST HARLEM, NY	04/30/18 11:30	05/01/18
L1815370-04	SB-8 (0-2)	SOIL	EAST HARLEM, NY	04/30/18 12:00	05/01/18
L1815370-05	SB-12 (0-2)	SOIL	EAST HARLEM, NY	04/30/18 13:00	05/01/18
L1815370-06	SB-7 (0-2)	SOIL	EAST HARLEM, NY	04/30/18 14:00	05/01/18
L1815370-07	SB-4 (0-2)	SOIL	EAST HARLEM, NY	04/30/18 15:00	05/01/18
L1815370-08	SB-3 1'	SOIL	EAST HARLEM, NY	04/30/18 09:30	05/01/18
L1815370-09	SB-5 1'	SOIL	EAST HARLEM, NY	04/30/18 10:30	05/01/18
L1815370-10	SB-6 1'	SOIL	EAST HARLEM, NY	04/30/18 11:30	05/01/18
L1815370-11	SB-8 1'	SOIL	EAST HARLEM, NY	04/30/18 12:00	05/01/18
L1815370-12	SB-12 1'	SOIL	EAST HARLEM, NY	04/30/18 13:00	05/01/18
L1815370-13	SB-7 1'	SOIL	EAST HARLEM, NY	04/30/18 14:00	05/01/18
L1815370-14	SB-4 1'	SOIL	EAST HARLEM, NY	04/30/18 15:00	05/01/18

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L1815370-01 through -07: 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.

The WG1111987-1 Method Blank, associated with L1815370-01 through -07, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.


The WG1111987-3 MS recoveries for aluminum (1070%) and iron (0%), performed on L1815370-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1111987-3 MS recovery, performed on L1815370-01, is outside the acceptance criteria for manganese (36%). A post digestion spike was performed and was within acceptance criteria.

The WG1111987-4 Laboratory Duplicate RPDs for barium (23%), calcium (44%), iron (34%), magnesium (29%), and manganese (31%), performed on L1815370-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/07/18

ORGANICS

VOLATILES

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-08
Client ID: SB-3 1'
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 09:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/03/18 15:22
Analyst: AD
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	2.5	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.41	1
Chloroform	ND		ug/kg	2.3	0.57	1
Carbon tetrachloride	ND		ug/kg	1.5	0.53	1
1,2-Dichloropropane	ND		ug/kg	5.4	0.35	1
Dibromochloromethane	ND		ug/kg	1.5	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.48	1
Tetrachloroethene	ND		ug/kg	1.5	0.46	1
Chlorobenzene	ND		ug/kg	1.5	0.53	1
Trichlorofluoromethane	ND		ug/kg	7.6	0.64	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.54	1
Bromodichloromethane	ND		ug/kg	1.5	0.47	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.35	1
1,3-Dichloropropene, Total	ND		ug/kg	1.5	0.32	1
1,1-Dichloropropene	ND		ug/kg	7.6	0.50	1
Bromoform	ND		ug/kg	6.1	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.46	1
Benzene	ND		ug/kg	1.5	0.30	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.5	0.26	1
Chloromethane	ND		ug/kg	7.6	0.67	1
Bromomethane	ND		ug/kg	3.0	0.52	1
Vinyl chloride	ND		ug/kg	3.0	0.48	1
Chloroethane	ND		ug/kg	3.0	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.57	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.37	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-08
 Client ID: SB-3 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 09:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.5	0.46	1
1,2-Dichlorobenzene	ND		ug/kg	7.6	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	7.6	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	7.6	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.23	1
p/m-Xylene	ND		ug/kg	3.0	0.54	1
o-Xylene	ND		ug/kg	3.0	0.52	1
Xylenes, Total	ND		ug/kg	3.0	0.52	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.52	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.37	1
Dibromomethane	ND		ug/kg	15	0.36	1
Styrene	ND		ug/kg	3.0	0.61	1
Dichlorodifluoromethane	ND		ug/kg	15	0.76	1
Acetone	ND		ug/kg	15	3.5	1
Carbon disulfide	ND		ug/kg	15	1.7	1
2-Butanone	ND		ug/kg	15	1.0	1
Vinyl acetate	ND		ug/kg	15	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.37	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.27	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.6	0.55	1
2,2-Dichloropropane	ND		ug/kg	7.6	0.69	1
1,2-Dibromoethane	ND		ug/kg	6.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	7.6	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.49	1
Bromobenzene	ND		ug/kg	7.6	0.34	1
n-Butylbenzene	ND		ug/kg	1.5	0.35	1
sec-Butylbenzene	ND		ug/kg	1.5	0.33	1
tert-Butylbenzene	ND		ug/kg	7.6	0.38	1
o-Chlorotoluene	ND		ug/kg	7.6	0.34	1
p-Chlorotoluene	ND		ug/kg	7.6	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.6	0.60	1
Hexachlorobutadiene	ND		ug/kg	7.6	0.53	1
Isopropylbenzene	ND		ug/kg	1.5	0.30	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.31	1
Naphthalene	ND		ug/kg	7.6	0.21	1
Acrylonitrile	ND		ug/kg	15	0.79	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-08
Client ID: SB-3 1'
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 09:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.33	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.6	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.6	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.6	0.28	1
1,4-Dioxane	ND		ug/kg	61	22.	1
p-Diethylbenzene	ND		ug/kg	6.1	6.1	1
p-Ethyltoluene	ND		ug/kg	6.1	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.1	0.24	1
Ethyl ether	ND		ug/kg	7.6	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-09
 Client ID: SB-5 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 15:50
 Analyst: AD
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	2.6	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.42	1
Chloroform	ND		ug/kg	2.4	0.58	1
Carbon tetrachloride	ND		ug/kg	1.6	0.54	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.28	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.49	1
Tetrachloroethene	0.57	J	ug/kg	1.6	0.48	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.66	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.55	1
Bromodichloromethane	ND		ug/kg	1.6	0.48	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.36	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.33	1
1,1-Dichloropropene	ND		ug/kg	7.9	0.52	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.47	1
Benzene	ND		ug/kg	1.6	0.30	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.27	1
Chloromethane	ND		ug/kg	7.9	0.69	1
Bromomethane	ND		ug/kg	3.2	0.53	1
Vinyl chloride	ND		ug/kg	3.2	0.50	1
Chloroethane	ND		ug/kg	3.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.59	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.38	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-09
 Client ID: SB-5 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.6	0.48	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.34	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.24	1
p/m-Xylene	ND		ug/kg	3.2	0.55	1
o-Xylene	ND		ug/kg	3.2	0.53	1
Xylenes, Total	ND		ug/kg	3.2	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.54	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.38	1
Dibromomethane	ND		ug/kg	16	0.38	1
Styrene	ND		ug/kg	3.2	0.63	1
Dichlorodifluoromethane	ND		ug/kg	16	0.79	1
Acetone	ND		ug/kg	16	3.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	ND		ug/kg	16	1.1	1
Vinyl acetate	ND		ug/kg	16	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.28	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.9	0.56	1
2,2-Dichloropropane	ND		ug/kg	7.9	0.71	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.31	1
1,3-Dichloropropane	ND		ug/kg	7.9	0.29	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.50	1
Bromobenzene	ND		ug/kg	7.9	0.34	1
n-Butylbenzene	ND		ug/kg	1.6	0.36	1
sec-Butylbenzene	ND		ug/kg	1.6	0.34	1
tert-Butylbenzene	ND		ug/kg	7.9	0.39	1
o-Chlorotoluene	ND		ug/kg	7.9	0.35	1
p-Chlorotoluene	ND		ug/kg	7.9	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	0.62	1
Hexachlorobutadiene	ND		ug/kg	7.9	0.55	1
Isopropylbenzene	ND		ug/kg	1.6	0.30	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.32	1
Naphthalene	8.8		ug/kg	7.9	0.22	1
Acrylonitrile	ND		ug/kg	16	0.81	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-09**Date Collected:** 04/30/18 10:30**Client ID:** SB-5 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.6	0.34	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.9	0.29	1
1,4-Dioxane	ND		ug/kg	63	23.	1
p-Diethylbenzene	ND		ug/kg	6.3	6.3	1
p-Ethyltoluene	ND		ug/kg	6.3	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.3	0.24	1
Ethyl ether	ND		ug/kg	7.9	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.9	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-10
 Client ID: SB-6 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 11:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 16:17
 Analyst: AD
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.2	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.36	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.46	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	0.73	J	ug/kg	1.3	0.40	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.55	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.46	1
Bromodichloromethane	ND		ug/kg	1.3	0.41	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.30	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.27	1
1,1-Dichloropropene	ND		ug/kg	6.6	0.43	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.39	1
Benzene	ND		ug/kg	1.3	0.25	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.6	0.58	1
Bromomethane	ND		ug/kg	2.6	0.45	1
Vinyl chloride	ND		ug/kg	2.6	0.42	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.32	1

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-10
 Client ID: SB-6 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 11:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.3	0.40	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.29	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	ND		ug/kg	2.6	0.46	1
o-Xylene	ND		ug/kg	2.6	0.45	1
Xylenes, Total	ND		ug/kg	2.6	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.45	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.32	1
Dibromomethane	ND		ug/kg	13	0.32	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.66	1
Acetone	6.7	J	ug/kg	13	3.0	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.91	1
Vinyl acetate	ND		ug/kg	13	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.23	1
2-Hexanone	ND		ug/kg	13	0.88	1
Bromochloromethane	ND		ug/kg	6.6	0.47	1
2,2-Dichloropropane	ND		ug/kg	6.6	0.59	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.26	1
1,3-Dichloropropane	ND		ug/kg	6.6	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
Bromobenzene	ND		ug/kg	6.6	0.29	1
n-Butylbenzene	ND		ug/kg	1.3	0.30	1
sec-Butylbenzene	ND		ug/kg	1.3	0.29	1
tert-Butylbenzene	ND		ug/kg	6.6	0.33	1
o-Chlorotoluene	ND		ug/kg	6.6	0.29	1
p-Chlorotoluene	ND		ug/kg	6.6	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.52	1
Hexachlorobutadiene	ND		ug/kg	6.6	0.46	1
Isopropylbenzene	ND		ug/kg	1.3	0.26	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.27	1
Naphthalene	0.20	J	ug/kg	6.6	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-10**Date Collected:** 04/30/18 11:30**Client ID:** SB-6 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.6	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.24	1
1,4-Dioxane	ND		ug/kg	53	19.	1
p-Diethylbenzene	ND		ug/kg	5.3	5.3	1
p-Ethyltoluene	ND		ug/kg	5.3	0.31	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.3	0.20	1
Ethyl ether	ND		ug/kg	6.6	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-11
 Client ID: SB-8 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 12:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 16:45
 Analyst: AD
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.5	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.26	1
Chloroform	ND		ug/kg	1.4	0.35	1
Carbon tetrachloride	ND		ug/kg	0.95	0.33	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.22	1
Dibromochloromethane	ND		ug/kg	0.95	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.30	1
Tetrachloroethene	ND		ug/kg	0.95	0.29	1
Chlorobenzene	ND		ug/kg	0.95	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.40	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.95	0.33	1
Bromodichloromethane	ND		ug/kg	0.95	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.95	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.95	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.7	0.31	1
Bromoform	ND		ug/kg	3.8	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.95	0.28	1
Benzene	ND		ug/kg	0.95	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.95	0.16	1
Chloromethane	ND		ug/kg	4.7	0.41	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.30	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.23	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-11**Date Collected:** 04/30/18 12:00**Client ID:** SB-8 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.95	0.29	1
1,2-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.7	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.14	1
p/m-Xylene	ND		ug/kg	1.9	0.33	1
o-Xylene	ND		ug/kg	1.9	0.32	1
Xylenes, Total	ND		ug/kg	1.9	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.23	1
Dibromomethane	ND		ug/kg	9.5	0.23	1
Styrene	ND		ug/kg	1.9	0.38	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.47	1
Acetone	ND		ug/kg	9.5	2.2	1
Carbon disulfide	ND		ug/kg	9.5	1.0	1
2-Butanone	ND		ug/kg	9.5	0.65	1
Vinyl acetate	ND		ug/kg	9.5	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.5	0.17	1
2-Hexanone	ND		ug/kg	9.5	0.63	1
Bromochloromethane	ND		ug/kg	4.7	0.34	1
2,2-Dichloropropane	ND		ug/kg	4.7	0.43	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.19	1
1,3-Dichloropropane	ND		ug/kg	4.7	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.95	0.30	1
Bromobenzene	ND		ug/kg	4.7	0.21	1
n-Butylbenzene	ND		ug/kg	0.95	0.22	1
sec-Butylbenzene	ND		ug/kg	0.95	0.20	1
tert-Butylbenzene	ND		ug/kg	4.7	0.23	1
o-Chlorotoluene	ND		ug/kg	4.7	0.21	1
p-Chlorotoluene	ND		ug/kg	4.7	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.33	1
Isopropylbenzene	ND		ug/kg	0.95	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.19	1
Naphthalene	ND		ug/kg	4.7	0.13	1
Acrylonitrile	ND		ug/kg	9.5	0.49	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-11**Date Collected:** 04/30/18 12:00**Client ID:** SB-8 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.7	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.7	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.7	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.7	0.18	1
1,4-Dioxane	ND		ug/kg	38	14.	1
p-Diethylbenzene	ND		ug/kg	3.8	3.8	1
p-Ethyltoluene	ND		ug/kg	3.8	0.22	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.15	1
Ethyl ether	ND		ug/kg	4.7	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-12
 Client ID: SB-12 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 17:13
 Analyst: AD
 Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.4	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.39	1
Chloroform	ND		ug/kg	2.1	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.49	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.33	1
Dibromochloromethane	ND		ug/kg	1.4	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.45	1
Tetrachloroethene	ND		ug/kg	1.4	0.43	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.2	0.60	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.50	1
Bromodichloromethane	ND		ug/kg	1.4	0.44	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.33	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.30	1
1,1-Dichloropropene	ND		ug/kg	7.2	0.47	1
Bromoform	ND		ug/kg	5.7	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Benzene	ND		ug/kg	1.4	0.28	1
Toluene	ND		ug/kg	2.1	0.28	1
Ethylbenzene	ND		ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	7.2	0.62	1
Bromomethane	ND		ug/kg	2.9	0.48	1
Vinyl chloride	ND		ug/kg	2.9	0.45	1
Chloroethane	ND		ug/kg	2.9	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.53	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.34	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-12
 Client ID: SB-12 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.4	0.43	1
1,2-Dichlorobenzene	ND		ug/kg	7.2	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	7.2	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	7.2	0.26	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.22	1
p/m-Xylene	ND		ug/kg	2.9	0.50	1
o-Xylene	ND		ug/kg	2.9	0.48	1
Xylenes, Total	ND		ug/kg	2.9	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.49	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.34	1
Dibromomethane	ND		ug/kg	14	0.34	1
Styrene	ND		ug/kg	2.9	0.57	1
Dichlorodifluoromethane	ND		ug/kg	14	0.72	1
Acetone	ND		ug/kg	14	3.3	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	ND		ug/kg	14	0.99	1
Vinyl acetate	ND		ug/kg	14	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.25	1
2-Hexanone	ND		ug/kg	14	0.95	1
Bromochloromethane	ND		ug/kg	7.2	0.51	1
2,2-Dichloropropane	ND		ug/kg	7.2	0.64	1
1,2-Dibromoethane	ND		ug/kg	5.7	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.2	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.46	1
Bromobenzene	ND		ug/kg	7.2	0.31	1
n-Butylbenzene	ND		ug/kg	1.4	0.33	1
sec-Butylbenzene	ND		ug/kg	1.4	0.31	1
tert-Butylbenzene	ND		ug/kg	7.2	0.35	1
o-Chlorotoluene	ND		ug/kg	7.2	0.32	1
p-Chlorotoluene	ND		ug/kg	7.2	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.2	0.57	1
Hexachlorobutadiene	ND		ug/kg	7.2	0.50	1
Isopropylbenzene	ND		ug/kg	1.4	0.28	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.29	1
Naphthalene	ND		ug/kg	7.2	0.20	1
Acrylonitrile	ND		ug/kg	14	0.74	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-12**Date Collected:** 04/30/18 13:00**Client ID:** SB-12 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.2	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.2	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.2	0.27	1
1,4-Dioxane	ND		ug/kg	57	21.	1
p-Diethylbenzene	ND		ug/kg	5.7	5.7	1
p-Ethyltoluene	ND		ug/kg	5.7	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.7	0.22	1
Ethyl ether	ND		ug/kg	7.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-13
 Client ID: SB-7 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 14:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 17:40
 Analyst: AD
 Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.35	1
Chloroform	ND		ug/kg	1.9	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.45	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.39	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.5	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.45	1
Bromodichloromethane	ND		ug/kg	1.3	0.40	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.30	1
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.27	1
1,1-Dichloropropene	ND		ug/kg	6.5	0.42	1
Bromoform	ND		ug/kg	5.2	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.39	1
Benzene	ND		ug/kg	1.3	0.25	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.5	0.56	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.41	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.31	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-13
 Client ID: SB-7 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 14:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.3	0.39	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	6.5	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	6.5	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	ND		ug/kg	2.6	0.46	1
o-Xylene	ND		ug/kg	2.6	0.44	1
Xylenes, Total	ND		ug/kg	2.6	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.44	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.31	1
Dibromomethane	ND		ug/kg	13	0.31	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.65	1
Acetone	ND		ug/kg	13	3.0	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.89	1
Vinyl acetate	ND		ug/kg	13	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.23	1
2-Hexanone	ND		ug/kg	13	0.86	1
Bromochloromethane	ND		ug/kg	6.5	0.46	1
2,2-Dichloropropane	ND		ug/kg	6.5	0.58	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.26	1
1,3-Dichloropropane	ND		ug/kg	6.5	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.5	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.30	1
sec-Butylbenzene	ND		ug/kg	1.3	0.28	1
tert-Butylbenzene	ND		ug/kg	6.5	0.32	1
o-Chlorotoluene	ND		ug/kg	6.5	0.29	1
p-Chlorotoluene	ND		ug/kg	6.5	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	0.51	1
Hexachlorobutadiene	ND		ug/kg	6.5	0.45	1
Isopropylbenzene	ND		ug/kg	1.3	0.25	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.26	1
Naphthalene	ND		ug/kg	6.5	0.18	1
Acrylonitrile	ND		ug/kg	13	0.67	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-13
Client ID: SB-7 1'
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 14:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.5	0.24	1
1,4-Dioxane	ND		ug/kg	52	19.	1
p-Diethylbenzene	ND		ug/kg	5.2	5.2	1
p-Ethyltoluene	ND		ug/kg	5.2	0.30	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.20	1
Ethyl ether	ND		ug/kg	6.5	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-14
 Client ID: SB-4 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 18:08
 Analyst: AD
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	2.4	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.40	1
Chloroform	ND		ug/kg	2.2	0.55	1
Carbon tetrachloride	ND		ug/kg	1.5	0.51	1
1,2-Dichloropropane	ND		ug/kg	5.2	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.47	1
Tetrachloroethene	ND		ug/kg	1.5	0.45	1
Chlorobenzene	ND		ug/kg	1.5	0.52	1
Trichlorofluoromethane	ND		ug/kg	7.4	0.62	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.52	1
Bromodichloromethane	ND		ug/kg	1.5	0.46	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.34	1
1,3-Dichloropropene, Total	ND		ug/kg	1.5	0.31	1
1,1-Dichloropropene	ND		ug/kg	7.4	0.49	1
Bromoform	ND		ug/kg	6.0	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.44	1
Benzene	ND		ug/kg	1.5	0.29	1
Toluene	ND		ug/kg	2.2	0.29	1
Ethylbenzene	ND		ug/kg	1.5	0.25	1
Chloromethane	ND		ug/kg	7.4	0.65	1
Bromomethane	ND		ug/kg	3.0	0.50	1
Vinyl chloride	ND		ug/kg	3.0	0.47	1
Chloroethane	ND		ug/kg	3.0	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.55	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.36	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-14
 Client ID: SB-4 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.5	0.45	1
1,2-Dichlorobenzene	ND		ug/kg	7.4	0.27	1
1,3-Dichlorobenzene	ND		ug/kg	7.4	0.32	1
1,4-Dichlorobenzene	ND		ug/kg	7.4	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.23	1
p/m-Xylene	ND		ug/kg	3.0	0.52	1
o-Xylene	ND		ug/kg	3.0	0.50	1
Xylenes, Total	ND		ug/kg	3.0	0.50	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.51	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.36	1
Dibromomethane	ND		ug/kg	15	0.36	1
Styrene	ND		ug/kg	3.0	0.60	1
Dichlorodifluoromethane	ND		ug/kg	15	0.74	1
Acetone	ND		ug/kg	15	3.4	1
Carbon disulfide	ND		ug/kg	15	1.6	1
2-Butanone	ND		ug/kg	15	1.0	1
Vinyl acetate	ND		ug/kg	15	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.36	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.26	1
2-Hexanone	ND		ug/kg	15	0.99	1
Bromochloromethane	ND		ug/kg	7.4	0.53	1
2,2-Dichloropropane	ND		ug/kg	7.4	0.67	1
1,2-Dibromoethane	ND		ug/kg	6.0	0.30	1
1,3-Dichloropropane	ND		ug/kg	7.4	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.47	1
Bromobenzene	ND		ug/kg	7.4	0.33	1
n-Butylbenzene	ND		ug/kg	1.5	0.34	1
sec-Butylbenzene	ND		ug/kg	1.5	0.32	1
tert-Butylbenzene	ND		ug/kg	7.4	0.37	1
o-Chlorotoluene	ND		ug/kg	7.4	0.33	1
p-Chlorotoluene	ND		ug/kg	7.4	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.4	0.59	1
Hexachlorobutadiene	ND		ug/kg	7.4	0.52	1
Isopropylbenzene	ND		ug/kg	1.5	0.29	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.30	1
Naphthalene	ND		ug/kg	7.4	0.20	1
Acrylonitrile	ND		ug/kg	15	0.76	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-14
Client ID: SB-4 1'
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.4	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.4	0.28	1
1,4-Dioxane	ND		ug/kg	60	21.	1
p-Diethylbenzene	ND		ug/kg	6.0	6.0	1
p-Ethyltoluene	ND		ug/kg	6.0	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.0	0.23	1
Ethyl ether	ND		ug/kg	7.4	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	0.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 12:36
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-14 Batch: WG1112378-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 12:36
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-14 Batch: WG1112378-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 12:36
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-14 Batch: WG1112378-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	0.24	J	ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG1112378-3 WG1112378-4								
Methylene chloride	92		88		70-130	4		30
1,1-Dichloroethane	100		98		70-130	2		30
Chloroform	97		95		70-130	2		30
Carbon tetrachloride	106		103		70-130	3		30
1,2-Dichloropropane	98		97		70-130	1		30
Dibromochloromethane	107		109		70-130	2		30
1,1,2-Trichloroethane	109		109		70-130	0		30
Tetrachloroethene	109		109		70-130	0		30
Chlorobenzene	107		106		70-130	1		30
Trichlorofluoromethane	112		108		70-139	4		30
1,2-Dichloroethane	92		91		70-130	1		30
1,1,1-Trichloroethane	104		102		70-130	2		30
Bromodichloromethane	97		96		70-130	1		30
trans-1,3-Dichloropropene	90		93		70-130	3		30
cis-1,3-Dichloropropene	100		100		70-130	0		30
1,1-Dichloropropene	108		104		70-130	4		30
Bromoform	92		94		70-130	2		30
1,1,2,2-Tetrachloroethane	104		105		70-130	1		30
Benzene	99		96		70-130	3		30
Toluene	110		108		70-130	2		30
Ethylbenzene	111		110		70-130	1		30
Chloromethane	95		86		52-130	10		30
Bromomethane	124		118		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG1112378-3 WG1112378-4								
Vinyl chloride	104		100		67-130	4		30
Chloroethane	106		98		50-151	8		30
1,1-Dichloroethene	125		120		65-135	4		30
trans-1,2-Dichloroethene	103		100		70-130	3		30
Trichloroethene	100		97		70-130	3		30
1,2-Dichlorobenzene	109		108		70-130	1		30
1,3-Dichlorobenzene	111		109		70-130	2		30
1,4-Dichlorobenzene	106		106		70-130	0		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	106		106		70-130	0		30
cis-1,2-Dichloroethene	99		97		70-130	2		30
Dibromomethane	98		96		70-130	2		30
Styrene	106		104		70-130	2		30
Dichlorodifluoromethane	108		104		30-146	4		30
Acetone	110		97		54-140	13		30
Carbon disulfide	126		117		59-130	7		30
2-Butanone	96		100		70-130	4		30
Vinyl acetate	79		80		70-130	1		30
4-Methyl-2-pentanone	89		90		70-130	1		30
1,2,3-Trichloropropane	103		102		68-130	1		30
2-Hexanone	88		91		70-130	3		30
Bromochloromethane	103		100		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG1112378-3 WG1112378-4								
2,2-Dichloropropane	104		103		70-130	1		30
1,2-Dibromoethane	110		112		70-130	2		30
1,3-Dichloropropane	105		106		69-130	1		30
1,1,1,2-Tetrachloroethane	110		111		70-130	1		30
Bromobenzene	110		108		70-130	2		30
n-Butylbenzene	118		115		70-130	3		30
sec-Butylbenzene	119		116		70-130	3		30
tert-Butylbenzene	119		116		70-130	3		30
o-Chlorotoluene	113		110		70-130	3		30
p-Chlorotoluene	112		110		70-130	2		30
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Hexachlorobutadiene	116		113		67-130	3		30
Isopropylbenzene	118		115		70-130	3		30
p-Isopropyltoluene	121		117		70-130	3		30
Naphthalene	107		108		70-130	1		30
Acrylonitrile	84		86		70-130	2		30
n-Propylbenzene	117		114		70-130	3		30
1,2,3-Trichlorobenzene	108		108		70-130	0		30
1,2,4-Trichlorobenzene	111		110		70-130	1		30
1,3,5-Trimethylbenzene	115		112		70-130	3		30
1,2,4-Trimethylbenzene	117		115		70-130	2		30
1,4-Dioxane	85		87		65-136	2		30
p-Diethylbenzene	120		117		70-130	3		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG1112378-3 WG1112378-4								
p-Ethyltoluene	119		115		70-130	3		30
1,2,4,5-Tetramethylbenzene	118		116		70-130	2		30
Ethyl ether	98		96		67-130	2		30
trans-1,4-Dichloro-2-butene	95		95		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	105		107		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	96		96		70-130

SEMIVOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-01
 Client ID: SB-3 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 09:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/18 05:53
 Analyst: RC
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 01:37

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	120	22.	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	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	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	530		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	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	360		ug/kg	190	67.	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	66.	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-01**Date Collected:** 04/30/18 09:30**Client ID:** SB-3 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	290		ug/kg	120	22.	1
Benzo(a)pyrene	290		ug/kg	150	47.	1
Benzo(b)fluoranthene	380		ug/kg	120	32.	1
Benzo(k)fluoranthene	140		ug/kg	120	31.	1
Chrysene	290		ug/kg	120	20.	1
Acenaphthylene	110	J	ug/kg	150	30.	1
Anthracene	79	J	ug/kg	120	38.	1
Benzo(ghi)perylene	250		ug/kg	150	23.	1
Fluorene	21	J	ug/kg	190	19.	1
Phenanthrene	240		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	50	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	150	27.	1
Pyrene	460		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	36.	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	36.	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	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-01**Date Collected:** 04/30/18 09:30**Client ID:** SB-3 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	42	J	ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	90		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-02
 Client ID: SB-5 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/18 06:19
 Analyst: RC
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	570		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	15000	E	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	320		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	210	72.	1
Butyl benzyl phthalate	71	J	ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-02
 Client ID: SB-5 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30
 Date Received: 05/01/18
 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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	6000		ug/kg	120	24.	1
Benzo(a)pyrene	6200		ug/kg	170	51.	1
Benzo(b)fluoranthene	9400	E	ug/kg	120	35.	1
Benzo(k)fluoranthene	2400		ug/kg	120	34.	1
Chrysene	7200		ug/kg	120	22.	1
Acenaphthylene	3600		ug/kg	170	32.	1
Anthracene	2200		ug/kg	120	41.	1
Benzo(ghi)perylene	4400		ug/kg	170	25.	1
Fluorene	1200		ug/kg	210	20.	1
Phenanthrene	13000	E	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	1000		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	5100		ug/kg	170	29.	1
Pyrene	12000	E	ug/kg	120	21.	1
Biphenyl	140	J	ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	1100		ug/kg	210	20.	1
2-Methylnaphthalene	360		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	54	J	ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	88	J	ug/kg	300	33.	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-02**Date Collected:** 04/30/18 10:30**Client ID:** SB-5 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	930		ug/kg	210	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	95		18-120

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-02 D

Client ID: SB-5 (0-2)

Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30

Date Received: 05/01/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8270D

Analytical Date: 05/04/18 23:17

Analyst: CB

Percent Solids: 77%

Extraction Method: EPA 3546

Extraction Date: 05/02/18 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	25000		ug/kg	630	120	5
Benzo(b)fluoranthene	10000		ug/kg	630	180	5
Phenanthrene	22000		ug/kg	630	130	5
Pyrene	20000		ug/kg	630	100	5

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-03
 Client ID: SB-6 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 11:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/18 06:45
 Analyst: RC
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	42	J	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	2400		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	120	J	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	110	J	ug/kg	190	65.	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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-03
 Client ID: SB-6 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 11:30
 Date Received: 05/01/18
 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	1400		ug/kg	110	21.	1
Benzo(a)pyrene	1600		ug/kg	150	46.	1
Benzo(b)fluoranthene	2300		ug/kg	110	32.	1
Benzo(k)fluoranthene	750		ug/kg	110	30.	1
Chrysene	1500		ug/kg	110	20.	1
Acenaphthylene	1000		ug/kg	150	29.	1
Anthracene	580		ug/kg	110	37.	1
Benzo(ghi)perylene	1700		ug/kg	150	22.	1
Fluorene	79	J	ug/kg	190	18.	1
Phenanthrene	1300		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	390		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	150	26.	1
Pyrene	2000		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	72	J	ug/kg	190	18.	1
2-Methylnaphthalene	34	J	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	51	J	ug/kg	270	30.	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-03**Date Collected:** 04/30/18 11:30**Client ID:** SB-6 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	310		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	71		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-04
 Client ID: SB-8 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 12:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/18 07:10
 Analyst: RC
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 01:37

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	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	240		ug/kg	110	21.	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	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	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	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-04
 Client ID: SB-8 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 12:00
 Date Received: 05/01/18
 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	140		ug/kg	110	20.	1
Benzo(a)pyrene	150		ug/kg	140	44.	1
Benzo(b)fluoranthene	200		ug/kg	110	30.	1
Benzo(k)fluoranthene	68	J	ug/kg	110	29.	1
Chrysene	150		ug/kg	110	19.	1
Acenaphthylene	84	J	ug/kg	140	28.	1
Anthracene	44	J	ug/kg	110	35.	1
Benzo(ghi)perylene	120	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	88	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	26	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	140	25.	1
Pyrene	210		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	74.	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	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-04**Date Collected:** 04/30/18 12:00**Client ID:** SB-8 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	21	J	ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	83		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-05
 Client ID: SB-12 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/18 07:36
 Analyst: RC
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	49	J	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	170	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	1900		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	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	37	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	690		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	940		ug/kg	190	66.	1

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-05
 Client ID: SB-12 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00
 Date Received: 05/01/18
 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	1300		ug/kg	120	22.	1
Benzo(a)pyrene	1200		ug/kg	160	47.	1
Benzo(b)fluoranthene	1500		ug/kg	120	33.	1
Benzo(k)fluoranthene	620		ug/kg	120	31.	1
Chrysene	1400		ug/kg	120	20.	1
Acenaphthylene	470		ug/kg	160	30.	1
Anthracene	310		ug/kg	120	38.	1
Benzo(ghi)perylene	900		ug/kg	160	23.	1
Fluorene	70	J	ug/kg	190	19.	1
Phenanthrene	940		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	230		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	940		ug/kg	160	27.	1
Pyrene	1900		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	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	30	J	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	170	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	90.	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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-05
 Client ID: SB-12 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00
 Date Received: 05/01/18
 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	59.	1
Carbazole	110	J	ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	87		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-06
 Client ID: SB-7 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 14:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/18 08:02
 Analyst: RC
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	33	J	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	830		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	160	J	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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-06
 Client ID: SB-7 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 14:00
 Date Received: 05/01/18
 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	480		ug/kg	120	22.	1
Benzo(a)pyrene	440		ug/kg	160	49.	1
Benzo(b)fluoranthene	600		ug/kg	120	34.	1
Benzo(k)fluoranthene	140		ug/kg	120	32.	1
Chrysene	470		ug/kg	120	21.	1
Acenaphthylene	140	J	ug/kg	160	31.	1
Anthracene	150		ug/kg	120	39.	1
Benzo(ghi)perylene	300		ug/kg	160	23.	1
Fluorene	42	J	ug/kg	200	19.	1
Phenanthrene	410		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	63	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	310		ug/kg	160	28.	1
Pyrene	790		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	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	81.	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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-06

Date Collected: 04/30/18 14:00

Client ID: SB-7 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	40	J	ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	97		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-07
 Client ID: SB-4 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/03/18 08:28
 Analyst: RC
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 01:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		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	4700		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	77	J	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	240		ug/kg	200	69.	1
Butyl benzyl phthalate	990		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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-07
 Client ID: SB-4 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00
 Date Received: 05/01/18
 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	2500		ug/kg	120	22.	1
Benzo(a)pyrene	2300		ug/kg	160	49.	1
Benzo(b)fluoranthene	2800		ug/kg	120	34.	1
Benzo(k)fluoranthene	920		ug/kg	120	32.	1
Chrysene	2200		ug/kg	120	21.	1
Acenaphthylene	200		ug/kg	160	31.	1
Anthracene	840		ug/kg	120	39.	1
Benzo(ghi)perylene	1400		ug/kg	160	23.	1
Fluorene	160	J	ug/kg	200	19.	1
Phenanthrene	2800		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	310		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	160	28.	1
Pyrene	4100		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	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	140	J	ug/kg	200	19.	1
2-Methylnaphthalene	32	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	81.	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: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-07**Date Collected:** 04/30/18 15:00**Client ID:** SB-4 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	180	J	ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	81		18-120

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/01/18 12:25
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 05/01/18 02:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1111239-1					
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	25.
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: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/01/18 12:25
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 05/01/18 02:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1111239-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
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	25.
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	24.
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: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/01/18 12:25
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 05/01/18 02:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1111239-1					
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	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	86		18-120



Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1111239-2 WG1111239-3								
Acenaphthene	65		66		31-137	2		50
1,2,4-Trichlorobenzene	63		65		38-107	3		50
Hexachlorobenzene	66		67		40-140	2		50
Bis(2-chloroethyl)ether	66		66		40-140	0		50
2-Chloronaphthalene	68		70		40-140	3		50
1,2-Dichlorobenzene	63		64		40-140	2		50
1,3-Dichlorobenzene	63		63		40-140	0		50
1,4-Dichlorobenzene	62		63		28-104	2		50
3,3'-Dichlorobenzidine	44		44		40-140	0		50
2,4-Dinitrotoluene	84		88		40-132	5		50
2,6-Dinitrotoluene	86		87		40-140	1		50
Fluoranthene	69		72		40-140	4		50
4-Chlorophenyl phenyl ether	66		67		40-140	2		50
4-Bromophenyl phenyl ether	67		68		40-140	1		50
Bis(2-chloroisopropyl)ether	87		89		40-140	2		50
Bis(2-chloroethoxy)methane	68		69		40-117	1		50
Hexachlorobutadiene	64		65		40-140	2		50
Hexachlorocyclopentadiene	49		51		40-140	4		50
Hexachloroethane	64		64		40-140	0		50
Isophorone	69		70		40-140	1		50
Naphthalene	64		65		40-140	2		50
Nitrobenzene	72		73		40-140	1		50
NDPA/DPA	68		69		36-157	1		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1111239-2 WG1111239-3								
n-Nitrosodi-n-propylamine	69		69		32-121	0		50
Bis(2-ethylhexyl)phthalate	72		74		40-140	3		50
Butyl benzyl phthalate	73		77		40-140	5		50
Di-n-butylphthalate	70		72		40-140	3		50
Di-n-octylphthalate	74		77		40-140	4		50
Diethyl phthalate	67		69		40-140	3		50
Dimethyl phthalate	70		71		40-140	1		50
Benzo(a)anthracene	67		68		40-140	1		50
Benzo(a)pyrene	70		73		40-140	4		50
Benzo(b)fluoranthene	68		72		40-140	6		50
Benzo(k)fluoranthene	69		71		40-140	3		50
Chrysene	67		69		40-140	3		50
Acenaphthylene	70		71		40-140	1		50
Anthracene	68		70		40-140	3		50
Benzo(ghi)perylene	68		68		40-140	0		50
Fluorene	68		69		40-140	1		50
Phenanthrene	67		69		40-140	3		50
Dibenzo(a,h)anthracene	66		66		40-140	0		50
Indeno(1,2,3-cd)pyrene	67		67		40-140	0		50
Pyrene	68		72		35-142	6		50
Biphenyl	69		70		54-104	1		50
4-Chloroaniline	65		75		40-140	14		50
2-Nitroaniline	84		85		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1111239-2 WG1111239-3								
3-Nitroaniline	64		65		26-129	2		50
4-Nitroaniline	78		81		41-125	4		50
Dibenzofuran	67		68		40-140	1		50
2-Methylnaphthalene	66		67		40-140	2		50
1,2,4,5-Tetrachlorobenzene	67		69		40-117	3		50
Acetophenone	70		72		14-144	3		50
2,4,6-Trichlorophenol	71		74		30-130	4		50
p-Chloro-m-cresol	72		74		26-103	3		50
2-Chlorophenol	66		68		25-102	3		50
2,4-Dichlorophenol	73		73		30-130	0		50
2,4-Dimethylphenol	71		73		30-130	3		50
2-Nitrophenol	78		81		30-130	4		50
4-Nitrophenol	82		85		11-114	4		50
2,4-Dinitrophenol	33		36		4-130	9		50
4,6-Dinitro-o-cresol	72		78		10-130	8		50
Pentachlorophenol	52		54		17-109	4		50
Phenol	64		65		26-90	2		50
2-Methylphenol	69		70		30-130.	1		50
3-Methylphenol/4-Methylphenol	71		73		30-130	3		50
2,4,5-Trichlorophenol	71		73		30-130	3		50
Benzoic Acid	14		13		10-110	7		50
Benzyl Alcohol	70		71		40-140	1		50
Carbazole	71		73		54-128	3		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1111239-2 WG1111239-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		67		25-120
Phenol-d6	68		69		10-120
Nitrobenzene-d5	73		75		23-120
2-Fluorobiphenyl	70		70		30-120
2,4,6-Tribromophenol	68		69		10-136
4-Terphenyl-d14	74		78		18-120

PCBS

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-01
Client ID: SB-3 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 09:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 13:32
Analyst: WR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.5	4.48	1	A
Aroclor 1221	ND		ug/kg	39.5	6.01	1	A
Aroclor 1232	ND		ug/kg	39.5	3.89	1	A
Aroclor 1242	ND		ug/kg	39.5	4.84	1	A
Aroclor 1248	ND		ug/kg	39.5	4.43	1	A
Aroclor 1254	14.8	J	ug/kg	39.5	3.22	1	B
Aroclor 1260	14.4	J	ug/kg	39.5	4.12	1	A
Aroclor 1262	ND		ug/kg	39.5	3.25	1	A
Aroclor 1268	ND		ug/kg	39.5	2.80	1	A
PCBs, Total	29.2	J	ug/kg	39.5	2.80	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-02
Client ID: SB-5 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 13:45
Analyst: WR
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.9	4.75	1	A
Aroclor 1221	ND		ug/kg	41.9	6.38	1	A
Aroclor 1232	ND		ug/kg	41.9	4.12	1	A
Aroclor 1242	ND		ug/kg	41.9	5.13	1	A
Aroclor 1248	ND		ug/kg	41.9	4.70	1	A
Aroclor 1254	28.6	J	ug/kg	41.9	3.42	1	B
Aroclor 1260	50.3	P	ug/kg	41.9	4.37	1	B
Aroclor 1262	ND		ug/kg	41.9	3.44	1	A
Aroclor 1268	11.2	J	ug/kg	41.9	2.97	1	B
PCBs, Total	90.1	J	ug/kg	41.9	2.97	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-03
Client ID: SB-6 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 11:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 13:59
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	4.16	1	A
Aroclor 1221	ND		ug/kg	36.7	5.58	1	A
Aroclor 1232	ND		ug/kg	36.7	3.61	1	A
Aroclor 1242	ND		ug/kg	36.7	4.49	1	A
Aroclor 1248	ND		ug/kg	36.7	4.11	1	A
Aroclor 1254	30.4	J	ug/kg	36.7	2.99	1	A
Aroclor 1260	34.8	J	ug/kg	36.7	3.83	1	B
Aroclor 1262	ND		ug/kg	36.7	3.01	1	A
Aroclor 1268	14.2	J	ug/kg	36.7	2.60	1	A
PCBs, Total	79.4	J	ug/kg	36.7	2.60	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-04
Client ID: SB-8 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 12:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 14:13
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.4	4.02	1	A
Aroclor 1221	ND		ug/kg	35.4	5.39	1	A
Aroclor 1232	ND		ug/kg	35.4	3.49	1	A
Aroclor 1242	ND		ug/kg	35.4	4.34	1	A
Aroclor 1248	ND		ug/kg	35.4	3.98	1	A
Aroclor 1254	6.84	J	ug/kg	35.4	2.89	1	A
Aroclor 1260	7.74	J	ug/kg	35.4	3.70	1	B
Aroclor 1262	ND		ug/kg	35.4	2.91	1	A
Aroclor 1268	ND		ug/kg	35.4	2.51	1	A
PCBs, Total	14.6	J	ug/kg	35.4	2.51	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-05
Client ID: SB-12 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 14:27
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	4.38	1	A
Aroclor 1221	ND		ug/kg	38.6	5.88	1	A
Aroclor 1232	ND		ug/kg	38.6	3.80	1	A
Aroclor 1242	ND		ug/kg	38.6	4.72	1	A
Aroclor 1248	ND		ug/kg	38.6	4.33	1	A
Aroclor 1254	52.2	P	ug/kg	38.6	3.15	1	B
Aroclor 1260	42.4		ug/kg	38.6	4.03	1	B
Aroclor 1262	ND		ug/kg	38.6	3.17	1	A
Aroclor 1268	19.2	J	ug/kg	38.6	2.73	1	A
PCBs, Total	114	J	ug/kg	38.6	2.73	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-06
Client ID: SB-7 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 14:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 14:41
Analyst: WR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.0	4.42	1	A
Aroclor 1221	ND		ug/kg	39.0	5.94	1	A
Aroclor 1232	ND		ug/kg	39.0	3.84	1	A
Aroclor 1242	ND		ug/kg	39.0	4.78	1	A
Aroclor 1248	ND		ug/kg	39.0	4.38	1	A
Aroclor 1254	20.0	JPI	ug/kg	39.0	3.18	1	A
Aroclor 1260	26.3	J	ug/kg	39.0	4.07	1	B
Aroclor 1262	ND		ug/kg	39.0	3.21	1	A
Aroclor 1268	4.57	J	ug/kg	39.0	2.76	1	B
PCBs, Total	50.9	J	ug/kg	39.0	2.76	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-07
Client ID: SB-4 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 14:55
Analyst: WR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.0	4.42	1	A
Aroclor 1221	ND		ug/kg	39.0	5.93	1	A
Aroclor 1232	ND		ug/kg	39.0	3.84	1	A
Aroclor 1242	ND		ug/kg	39.0	4.77	1	A
Aroclor 1248	ND		ug/kg	39.0	4.37	1	A
Aroclor 1254	114		ug/kg	39.0	3.18	1	B
Aroclor 1260	70.9		ug/kg	39.0	4.07	1	A
Aroclor 1262	ND		ug/kg	39.0	3.20	1	A
Aroclor 1268	19.0	J	ug/kg	39.0	2.76	1	B
PCBs, Total	204	J	ug/kg	39.0	2.76	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/02/18 13:07
 Analyst: WR

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:01
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07 Batch: WG1111650-1						
Aroclor 1016	ND		ug/kg	32.1	3.64	A
Aroclor 1221	ND		ug/kg	32.1	4.89	A
Aroclor 1232	ND		ug/kg	32.1	3.16	A
Aroclor 1242	ND		ug/kg	32.1	3.93	A
Aroclor 1248	ND		ug/kg	32.1	3.60	A
Aroclor 1254	ND		ug/kg	32.1	2.62	A
Aroclor 1260	ND		ug/kg	32.1	3.35	A
Aroclor 1262	ND		ug/kg	32.1	2.64	A
Aroclor 1268	ND		ug/kg	32.1	2.28	A
PCBs, Total	ND		ug/kg	32.1	2.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1111650-2 WG1111650-3									
Aroclor 1016	74		80		40-140	8		50	A
Aroclor 1260	67		70		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		81		30-150	A
Decachlorobiphenyl	62		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		84		30-150	B
Decachlorobiphenyl	69		71		30-150	B

PESTICIDES

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-01
 Client ID: SB-3 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 09:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/18 17:05
 Analyst: JW
 Percent Solids: 84%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.368	1	A
Lindane	ND		ug/kg	0.782	0.350	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.712	1	A
Heptachlor	ND		ug/kg	0.939	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.661	1	A
Heptachlor epoxide	3.94	P	ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.321	1	A
Endrin aldehyde	ND		ug/kg	2.35	0.822	1	A
Endrin ketone	ND		ug/kg	1.88	0.484	1	A
Dieldrin	20.2		ug/kg	1.17	0.587	1	B
4,4'-DDE	66.4		ug/kg	1.88	0.434	1	B
4,4'-DDD	ND		ug/kg	1.88	0.670	1	A
4,4'-DDT	128		ug/kg	3.52	1.51	1	A
Endosulfan I	ND		ug/kg	1.88	0.444	1	A
Endosulfan II	7.36		ug/kg	1.88	0.628	1	B
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.10	1	A
Toxaphene	ND		ug/kg	35.2	9.86	1	A
cis-Chlordane	21.5	P	ug/kg	2.35	0.654	1	A
trans-Chlordane	4.26	PI	ug/kg	2.35	0.620	1	A
Chlordane	ND		ug/kg	15.2	6.22	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-01

Date Collected: 04/30/18 09:30

Client ID: SB-3 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	130		30-150	B
Decachlorobiphenyl	146		30-150	B
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	137		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-02
 Client ID: SB-5 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/02/18 17:18
 Analyst: JW
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.397	1	A
Lindane	ND		ug/kg	0.846	0.378	1	A
Alpha-BHC	ND		ug/kg	0.846	0.240	1	A
Beta-BHC	ND		ug/kg	2.03	0.769	1	A
Heptachlor	ND		ug/kg	1.01	0.455	1	A
Aldrin	ND		ug/kg	2.03	0.714	1	A
Heptachlor epoxide	4.81	P	ug/kg	3.80	1.14	1	A
Endrin	ND		ug/kg	0.846	0.347	1	A
Endrin aldehyde	ND		ug/kg	2.54	0.888	1	A
Endrin ketone	ND		ug/kg	2.03	0.522	1	A
Dieldrin	23.3		ug/kg	1.27	0.634	1	A
4,4'-DDE	62.9	P	ug/kg	2.03	0.469	1	A
4,4'-DDD	13.2	P	ug/kg	2.03	0.724	1	B
4,4'-DDT	106		ug/kg	3.80	1.63	1	B
Endosulfan I	ND		ug/kg	2.03	0.479	1	A
Endosulfan II	ND		ug/kg	2.03	0.678	1	A
Endosulfan sulfate	ND		ug/kg	0.846	0.402	1	A
Methoxychlor	ND		ug/kg	3.80	1.18	1	A
Toxaphene	ND		ug/kg	38.0	10.6	1	A
cis-Chlordane	28.7	P	ug/kg	2.54	0.707	1	A
trans-Chlordane	14.3		ug/kg	2.54	0.670	1	B
Chlordane	ND		ug/kg	16.5	6.72	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-02

Date Collected: 04/30/18 10:30

Client ID: SB-5 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	97		30-150	B
Decachlorobiphenyl	120		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	129		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-03
Client ID: SB-6 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 11:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/02/18 17:30
Analyst: JW
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:30
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.348	1	A
Lindane	ND		ug/kg	0.739	0.330	1	A
Alpha-BHC	ND		ug/kg	0.739	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.673	1	A
Heptachlor	0.505	J	ug/kg	0.887	0.398	1	B
Aldrin	ND		ug/kg	1.77	0.625	1	A
Heptachlor epoxide	1.50	JPI	ug/kg	3.33	0.998	1	B
Endrin	ND		ug/kg	0.739	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.776	1	A
Endrin ketone	ND		ug/kg	1.77	0.457	1	A
Dieldrin	33.0		ug/kg	1.11	0.554	1	B
4,4'-DDE	45.5		ug/kg	1.77	0.410	1	B
4,4'-DDD	16.2	P	ug/kg	1.77	0.633	1	B
4,4'-DDT	248	E	ug/kg	3.33	1.43	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.593	1	A
Endosulfan sulfate	ND		ug/kg	0.739	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.32	1	A
cis-Chlordane	44.4		ug/kg	2.22	0.618	1	A
trans-Chlordane	31.7		ug/kg	2.22	0.586	1	B
Chlordane	226		ug/kg	14.4	5.88	1	B

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-03

Date Collected: 04/30/18 11:30

Client ID: SB-6 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	106		30-150	B
Decachlorobiphenyl	142		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	116		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-03 D

Date Collected: 04/30/18 11:30

Client ID: SB-6 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 05/02/18 03:30

Analytical Date: 05/07/18 15:49

Cleanup Method: EPA 3620B

Analyst: JW

Cleanup Date: 05/02/18

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	152		ug/kg	16.6	7.14	5	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-04
Client ID: SB-8 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 12:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/02/18 17:43
Analyst: JW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:30
Cleanup Method: EPA 3620B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.697	0.311	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	B
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	1.58	J	ug/kg	3.14	0.940	1	A
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	6.16		ug/kg	1.04	0.522	1	B
4,4'-DDE	12.0		ug/kg	1.67	0.387	1	B
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	47.2		ug/kg	3.14	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.975	1	A
Toxaphene	ND		ug/kg	31.4	8.78	1	A
cis-Chlordane	10.7	P	ug/kg	2.09	0.582	1	A
trans-Chlordane	6.06	P	ug/kg	2.09	0.552	1	B
Chlordane	ND		ug/kg	13.6	5.54	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-04

Date Collected: 04/30/18 12:00

Client ID: SB-8 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	B
Decachlorobiphenyl	58		30-150	B
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	58		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-05
 Client ID: SB-12 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/03/18 16:54
 Analyst: JW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.363	1	A
Lindane	ND		ug/kg	0.772	0.345	1	A
Alpha-BHC	ND		ug/kg	0.772	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.702	1	A
Heptachlor	ND		ug/kg	0.926	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.652	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.772	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.811	1	A
Endrin ketone	ND		ug/kg	1.85	0.477	1	A
Dieldrin	19.5		ug/kg	1.16	0.579	1	A
4,4'-DDE	93.8		ug/kg	1.85	0.428	1	A
4,4'-DDD	35.1	P	ug/kg	1.85	0.661	1	B
4,4'-DDT	170	E	ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.438	1	A
Endosulfan II	ND		ug/kg	1.85	0.619	1	A
Endosulfan sulfate	ND		ug/kg	0.772	0.368	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.73	1	A
cis-Chlordane	12.6	PI	ug/kg	2.32	0.645	1	B
trans-Chlordane	7.77	PI	ug/kg	2.32	0.611	1	A
Chlordane	ND		ug/kg	15.0	6.14	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-05

Date Collected: 04/30/18 13:00

Client ID: SB-12 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	98		30-150	B
Decachlorobiphenyl	122		30-150	B
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	106		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-05 D
 Client ID: SB-12 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 15:34
 Analyst: JW
 Percent Solids: 85%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	124		ug/kg	17.4	7.45	5	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-06
Client ID: SB-7 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 14:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/18 17:07
Analyst: JW
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 03:30
Cleanup Method: EPA 3620B
Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.88	0.367	1	A
Lindane	ND		ug/kg	0.782	0.349	1	A
Alpha-BHC	ND		ug/kg	0.782	0.222	1	A
Beta-BHC	ND		ug/kg	1.88	0.711	1	A
Heptachlor	ND		ug/kg	0.938	0.421	1	A
Aldrin	ND		ug/kg	1.88	0.661	1	A
Heptachlor epoxide	8.20		ug/kg	3.52	1.06	1	A
Endrin	ND		ug/kg	0.782	0.320	1	A
Endrin aldehyde	ND		ug/kg	2.34	0.821	1	A
Endrin ketone	ND		ug/kg	1.88	0.483	1	A
Dieldrin	14.6		ug/kg	1.17	0.586	1	A
4,4'-DDE	30.5		ug/kg	1.88	0.434	1	B
4,4'-DDD	7.07		ug/kg	1.88	0.669	1	A
4,4'-DDT	42.9		ug/kg	3.52	1.51	1	B
Endosulfan I	ND		ug/kg	1.88	0.443	1	A
Endosulfan II	ND		ug/kg	1.88	0.627	1	A
Endosulfan sulfate	ND		ug/kg	0.782	0.372	1	A
Methoxychlor	ND		ug/kg	3.52	1.09	1	A
Toxaphene	ND		ug/kg	35.2	9.85	1	A
cis-Chlordane	23.9	PI	ug/kg	2.34	0.654	1	B
trans-Chlordane	13.0	PI	ug/kg	2.34	0.619	1	A
Chlordane	ND		ug/kg	15.2	6.22	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-06

Date Collected: 04/30/18 14:00

Client ID: SB-7 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	109		30-150	B
Decachlorobiphenyl	144		30-150	B
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	109		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-07
 Client ID: SB-4 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/03/18 17:20
 Analyst: JW
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.86	0.364	1	A
Lindane	ND		ug/kg	0.774	0.346	1	A
Alpha-BHC	ND		ug/kg	0.774	0.220	1	A
Beta-BHC	ND		ug/kg	1.86	0.704	1	A
Heptachlor	0.870	J	ug/kg	0.928	0.416	1	A
Aldrin	ND		ug/kg	1.86	0.654	1	A
Heptachlor epoxide	5.58		ug/kg	3.48	1.04	1	A
Endrin	ND		ug/kg	0.774	0.317	1	A
Endrin aldehyde	ND		ug/kg	2.32	0.812	1	A
Endrin ketone	ND		ug/kg	1.86	0.478	1	A
Dieldrin	15.4		ug/kg	1.16	0.580	1	B
4,4'-DDE	27.5		ug/kg	1.86	0.429	1	B
4,4'-DDD	9.64		ug/kg	1.86	0.662	1	A
4,4'-DDT	103		ug/kg	3.48	1.49	1	A
Endosulfan I	ND		ug/kg	1.86	0.439	1	A
Endosulfan II	ND		ug/kg	1.86	0.620	1	A
Endosulfan sulfate	ND		ug/kg	0.774	0.368	1	A
Methoxychlor	ND		ug/kg	3.48	1.08	1	A
Toxaphene	ND		ug/kg	34.8	9.75	1	A
cis-Chlordane	40.6	P	ug/kg	2.32	0.647	1	A
trans-Chlordane	14.5		ug/kg	2.32	0.613	1	B
Chlordane	ND		ug/kg	15.1	6.15	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-07

Date Collected: 04/30/18 15:00

Client ID: SB-4 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	102		30-150	B
Decachlorobiphenyl	116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	138		30-150	A

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/02/18 16:27
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1111653-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.658	0.294	A
Alpha-BHC	ND		ug/kg	0.658	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.599	A
Heptachlor	ND		ug/kg	0.790	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.889	A
Endrin	ND		ug/kg	0.658	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.691	A
Endrin ketone	ND		ug/kg	1.58	0.407	A
Dieldrin	ND		ug/kg	0.987	0.494	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.564	A
4,4'-DDT	ND		ug/kg	2.96	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.528	A
Endosulfan sulfate	ND		ug/kg	0.658	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.922	A
Toxaphene	ND		ug/kg	29.6	8.29	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	12.8	5.23	A

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/02/18 16:27
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1111653-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	113		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	116		30-150	A

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1111653-2 WG1111653-3									
Delta-BHC	107		117		30-150	9		30	A
Lindane	95		102		30-150	7		30	A
Alpha-BHC	100		107		30-150	7		30	A
Beta-BHC	125		126		30-150	1		30	A
Heptachlor	91		97		30-150	6		30	A
Aldrin	94		101		30-150	7		30	A
Heptachlor epoxide	92		105		30-150	13		30	A
Endrin	104		117		30-150	12		30	A
Endrin aldehyde	82		91		30-150	10		30	A
Endrin ketone	90		101		30-150	12		30	A
Dieldrin	101		112		30-150	10		30	A
4,4'-DDE	92		100		30-150	8		30	A
4,4'-DDD	92		97		30-150	5		30	A
4,4'-DDT	94		104		30-150	10		30	A
Endosulfan I	88		97		30-150	10		30	A
Endosulfan II	90		97		30-150	7		30	A
Endosulfan sulfate	88		88		30-150	0		30	A
Methoxychlor	101		109		30-150	8		30	A
cis-Chlordane	81		83		30-150	2		30	A
trans-Chlordane	67		75		30-150	11		30	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1111653-2 WG1111653-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		106		30-150	B
Decachlorobiphenyl	102		116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		84		30-150	A
Decachlorobiphenyl	110		116		30-150	A

METALS

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-01

Date Collected: 04/30/18 09:30

Client ID: SB-3 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	5620		mg/kg	8.94	2.41	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Antimony, Total	ND		mg/kg	4.47	0.340	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Arsenic, Total	6.35		mg/kg	0.894	0.186	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Barium, Total	60.3		mg/kg	0.894	0.156	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Beryllium, Total	0.206	J	mg/kg	0.447	0.030	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Cadmium, Total	0.286	J	mg/kg	0.894	0.088	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Calcium, Total	2130		mg/kg	8.94	3.13	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Chromium, Total	7.13		mg/kg	0.894	0.086	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Cobalt, Total	2.68		mg/kg	1.79	0.148	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Copper, Total	11.3		mg/kg	0.894	0.231	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Iron, Total	10900		mg/kg	4.47	0.807	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Lead, Total	36.5		mg/kg	4.47	0.240	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Magnesium, Total	987		mg/kg	8.94	1.38	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Manganese, Total	133		mg/kg	0.894	0.142	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Mercury, Total	0.078		mg/kg	0.078	0.016	1	05/02/18 07:30	05/02/18 11:25	EPA 7471B	1,7471B	MG
Nickel, Total	6.25		mg/kg	2.23	0.216	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Potassium, Total	303		mg/kg	223	12.9	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Selenium, Total	0.724	J	mg/kg	1.79	0.231	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Silver, Total	ND		mg/kg	0.894	0.253	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Sodium, Total	35.6	J	mg/kg	179	2.82	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Thallium, Total	ND		mg/kg	1.79	0.282	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Vanadium, Total	12.7		mg/kg	0.894	0.181	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE
Zinc, Total	53.2		mg/kg	4.47	0.262	2	05/02/18 21:37	05/03/18 13:43	EPA 3050B	1,6010C	PE



Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-02

Date Collected: 04/30/18 10:30

Client ID: SB-5 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8260		mg/kg	10.0	2.70	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Antimony, Total	0.630	J	mg/kg	5.00	0.380	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Arsenic, Total	4.93		mg/kg	1.00	0.208	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Barium, Total	233		mg/kg	1.00	0.174	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Beryllium, Total	0.290	J	mg/kg	0.500	0.033	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Cadmium, Total	0.560	J	mg/kg	1.00	0.098	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Calcium, Total	13500		mg/kg	10.0	3.50	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Chromium, Total	11.2		mg/kg	1.00	0.096	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Cobalt, Total	4.05		mg/kg	2.00	0.166	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Copper, Total	22.3		mg/kg	1.00	0.258	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Iron, Total	10600		mg/kg	5.00	0.904	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Lead, Total	319		mg/kg	5.00	0.268	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Magnesium, Total	2140		mg/kg	10.0	1.54	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Manganese, Total	157		mg/kg	1.00	0.159	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Mercury, Total	0.288		mg/kg	0.082	0.017	1	05/02/18 07:30	05/02/18 11:27	EPA 7471B	1,7471B	MG
Nickel, Total	8.14		mg/kg	2.50	0.242	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Potassium, Total	622		mg/kg	250	14.4	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Selenium, Total	0.390	J	mg/kg	2.00	0.258	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.00	0.283	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Sodium, Total	383		mg/kg	200	3.15	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.00	0.315	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Vanadium, Total	21.6		mg/kg	1.00	0.203	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB
Zinc, Total	265		mg/kg	5.00	0.293	2	05/02/18 21:37	05/03/18 14:05	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-03

Date Collected: 04/30/18 11:30

Client ID: SB-6 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	4360		mg/kg	8.74	2.36	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Antimony, Total	1.97	J	mg/kg	4.37	0.332	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Arsenic, Total	4.89		mg/kg	0.874	0.182	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Barium, Total	564		mg/kg	0.874	0.152	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Beryllium, Total	0.175	J	mg/kg	0.437	0.029	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Cadmium, Total	0.760	J	mg/kg	0.874	0.086	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Calcium, Total	32000		mg/kg	8.74	3.06	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Chromium, Total	12.1		mg/kg	0.874	0.084	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Cobalt, Total	3.76		mg/kg	1.75	0.145	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Copper, Total	20.1		mg/kg	0.874	0.225	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Iron, Total	10600		mg/kg	4.37	0.789	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Lead, Total	460		mg/kg	4.37	0.234	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Magnesium, Total	3410		mg/kg	8.74	1.34	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Manganese, Total	236		mg/kg	0.874	0.139	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Mercury, Total	0.335		mg/kg	0.071	0.015	1	05/02/18 07:30	05/02/18 11:29	EPA 7471B	1,7471B	MG
Nickel, Total	7.68		mg/kg	2.18	0.211	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Potassium, Total	562		mg/kg	218	12.6	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Selenium, Total	0.568	J	mg/kg	1.75	0.225	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.874	0.247	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Sodium, Total	275		mg/kg	175	2.75	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.75	0.275	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Vanadium, Total	16.6		mg/kg	0.874	0.177	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB
Zinc, Total	474		mg/kg	4.37	0.256	2	05/02/18 21:37	05/03/18 14:10	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-04

Date Collected: 04/30/18 12:00

Client ID: SB-8 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	4840		mg/kg	8.61	2.32	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.31	0.327	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Arsenic, Total	3.38		mg/kg	0.861	0.179	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Barium, Total	77.7		mg/kg	0.861	0.150	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Beryllium, Total	0.172	J	mg/kg	0.431	0.028	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Cadmium, Total	0.181	J	mg/kg	0.861	0.084	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Calcium, Total	11600		mg/kg	8.61	3.02	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Chromium, Total	5.06		mg/kg	0.861	0.083	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Cobalt, Total	1.90		mg/kg	1.72	0.143	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Copper, Total	7.62		mg/kg	0.861	0.222	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Iron, Total	5590		mg/kg	4.31	0.778	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Lead, Total	29.1		mg/kg	4.31	0.231	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Magnesium, Total	1940		mg/kg	8.61	1.33	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Manganese, Total	122		mg/kg	0.861	0.137	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Mercury, Total	0.098		mg/kg	0.069	0.015	1	05/02/18 07:30	05/02/18 11:31	EPA 7471B	1,7471B	MG
Nickel, Total	3.71		mg/kg	2.15	0.208	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Potassium, Total	488		mg/kg	215	12.4	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.72	0.222	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.861	0.244	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Sodium, Total	97.4	J	mg/kg	172	2.71	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Vanadium, Total	9.65		mg/kg	0.861	0.175	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB
Zinc, Total	70.4		mg/kg	4.31	0.252	2	05/02/18 21:37	05/03/18 14:28	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-05

Date Collected: 04/30/18 13:00

Client ID: SB-12 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	6970		mg/kg	9.12	2.46	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Antimony, Total	0.465	J	mg/kg	4.56	0.346	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Arsenic, Total	8.65		mg/kg	0.912	0.190	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Barium, Total	183		mg/kg	0.912	0.159	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Beryllium, Total	0.283	J	mg/kg	0.456	0.030	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Cadmium, Total	0.474	J	mg/kg	0.912	0.089	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Calcium, Total	8330		mg/kg	9.12	3.19	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Chromium, Total	13.6		mg/kg	0.912	0.088	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Cobalt, Total	5.24		mg/kg	1.82	0.151	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Copper, Total	31.6		mg/kg	0.912	0.235	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Iron, Total	12800		mg/kg	4.56	0.823	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Lead, Total	159		mg/kg	4.56	0.244	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Magnesium, Total	2520		mg/kg	9.12	1.40	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Manganese, Total	193		mg/kg	0.912	0.145	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Mercury, Total	0.300		mg/kg	0.074	0.016	1	05/02/18 07:30	05/02/18 11:32	EPA 7471B	1,7471B	MG
Nickel, Total	10.1		mg/kg	2.28	0.221	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Potassium, Total	814		mg/kg	228	13.1	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Selenium, Total	0.510	J	mg/kg	1.82	0.235	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.912	0.258	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Sodium, Total	141	J	mg/kg	182	2.87	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.82	0.287	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Vanadium, Total	36.9		mg/kg	0.912	0.185	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB
Zinc, Total	154		mg/kg	4.56	0.267	2	05/02/18 21:37	05/03/18 14:33	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-06

Date Collected: 04/30/18 14:00

Client ID: SB-7 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	4930		mg/kg	9.13	2.46	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.56	0.347	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Arsenic, Total	4.46		mg/kg	0.913	0.190	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Barium, Total	51.8		mg/kg	0.913	0.159	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Beryllium, Total	0.237	J	mg/kg	0.456	0.030	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Cadmium, Total	0.283	J	mg/kg	0.913	0.089	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Calcium, Total	2350		mg/kg	9.13	3.19	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Chromium, Total	8.51		mg/kg	0.913	0.088	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Cobalt, Total	3.31		mg/kg	1.82	0.152	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Copper, Total	14.2		mg/kg	0.913	0.235	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Iron, Total	8370		mg/kg	4.56	0.824	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Lead, Total	41.2		mg/kg	4.56	0.245	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Magnesium, Total	1720		mg/kg	9.13	1.40	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Manganese, Total	123		mg/kg	0.913	0.145	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Mercury, Total	0.136		mg/kg	0.076	0.016	1	05/02/18 07:30	05/02/18 11:34	EPA 7471B	1,7471B	MG
Nickel, Total	6.94		mg/kg	2.28	0.221	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Potassium, Total	382		mg/kg	228	13.1	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Selenium, Total	0.310	J	mg/kg	1.82	0.235	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.913	0.258	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Sodium, Total	30.8	J	mg/kg	182	2.88	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.82	0.288	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Vanadium, Total	14.1		mg/kg	0.913	0.185	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB
Zinc, Total	58.6		mg/kg	4.56	0.267	2	05/02/18 21:37	05/03/18 14:37	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815370-07

Date Collected: 04/30/18 15:00

Client ID: SB-4 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	5740		mg/kg	9.62	2.60	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Antimony, Total	0.433	J	mg/kg	4.81	0.366	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Arsenic, Total	6.29		mg/kg	0.962	0.200	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Barium, Total	230		mg/kg	0.962	0.167	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Beryllium, Total	0.231	J	mg/kg	0.481	0.032	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Cadmium, Total	0.625	J	mg/kg	0.962	0.094	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Calcium, Total	21400		mg/kg	9.62	3.37	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Chromium, Total	12.5		mg/kg	0.962	0.092	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Cobalt, Total	4.28		mg/kg	1.92	0.160	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Copper, Total	35.3		mg/kg	0.962	0.248	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Iron, Total	10100		mg/kg	4.81	0.869	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Lead, Total	178		mg/kg	4.81	0.258	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Magnesium, Total	3160		mg/kg	9.62	1.48	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Manganese, Total	267		mg/kg	0.962	0.153	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Mercury, Total	0.466		mg/kg	0.077	0.016	1	05/02/18 07:30	05/02/18 11:36	EPA 7471B	1,7471B	MG
Nickel, Total	11.0		mg/kg	2.40	0.233	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Potassium, Total	849		mg/kg	240	13.8	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Selenium, Total	0.471	J	mg/kg	1.92	0.248	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.962	0.272	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Sodium, Total	160	J	mg/kg	192	3.03	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.92	0.303	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Vanadium, Total	26.2		mg/kg	0.962	0.195	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB
Zinc, Total	225		mg/kg	4.81	0.282	2	05/02/18 21:37	05/03/18 14:42	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

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): 01-07 Batch: WG1111673-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	05/02/18 07:30	05/02/18 11:05	1,7471B	MG

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): 01-07 Batch: WG1111987-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Barium, Total	ND		mg/kg	0.400	0.070	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Calcium, Total	1.72	J	mg/kg	4.00	1.40	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Copper, Total	ND		mg/kg	0.400	0.103	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Iron, Total	10.9		mg/kg	2.00	0.361	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Lead, Total	ND		mg/kg	2.00	0.107	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Manganese, Total	0.220	J	mg/kg	0.400	0.064	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Potassium, Total	ND		mg/kg	100	5.76	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Silver, Total	ND		mg/kg	0.400	0.113	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Sodium, Total	5.70	J	mg/kg	80.0	1.26	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE



Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1111673-2 SRM Lot Number: D098-540								
Mercury, Total	109		-		50-149	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1111987-2 SRM Lot Number: D098-540					
Aluminum, Total	65	-	47-153	-	
Antimony, Total	170	-	6-194	-	
Arsenic, Total	103	-	83-117	-	
Barium, Total	84	-	82-118	-	
Beryllium, Total	91	-	83-117	-	
Cadmium, Total	98	-	82-117	-	
Calcium, Total	84	-	81-118	-	
Chromium, Total	91	-	83-119	-	
Cobalt, Total	97	-	84-116	-	
Copper, Total	91	-	84-116	-	
Iron, Total	79	-	60-140	-	
Lead, Total	96	-	82-117	-	
Magnesium, Total	81	-	76-124	-	
Manganese, Total	82	-	82-118	-	
Nickel, Total	97	-	82-117	-	
Potassium, Total	79	-	69-131	-	
Selenium, Total	101	-	78-121	-	
Silver, Total	98	-	80-120	-	
Sodium, Total	90	-	74-126	-	
Thallium, Total	100	-	80-119	-	
Vanadium, Total	90	-	79-121	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1111987-2 SRM Lot Number: D098-540					
Zinc, Total	98	-	81-119	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Lab Number: L1815370

Project Number: 2984.0001Y000

Report Date: 05/07/18

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): 01-07 QC Batch ID: WG1111673-3 QC Sample: L1815400-01 Client ID: MS Sample												
Mercury, Total	0.030J	0.134	0.192	143	Q	-	-		80-120	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

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): 01-07 QC Batch ID: WG1111987-3 QC Sample: L1815370-01 Client ID: SB-3 (0-2)									
Aluminum, Total	5620	186	7610	1070	Q	-	75-125	-	20
Antimony, Total	ND	46.6	41.9	90		-	75-125	-	20
Arsenic, Total	6.35	11.2	18.4	108		-	75-125	-	20
Barium, Total	60.3	186	238	95		-	75-125	-	20
Beryllium, Total	0.206J	4.66	4.78	102		-	75-125	-	20
Cadmium, Total	0.286J	4.75	4.78	100		-	75-125	-	20
Calcium, Total	2130	932	2880	80		-	75-125	-	20
Chromium, Total	7.13	18.6	26.2	102		-	75-125	-	20
Cobalt, Total	2.68	46.6	44.2	89		-	75-125	-	20
Copper, Total	11.3	23.3	33.5	95		-	75-125	-	20
Iron, Total	10900	93.2	9440	0	Q	-	75-125	-	20
Lead, Total	36.5	47.5	76.3	84		-	75-125	-	20
Magnesium, Total	987.	932	1910	99		-	75-125	-	20
Manganese, Total	133.	46.6	150	36	Q	-	75-125	-	20
Nickel, Total	6.25	46.6	47.8	89		-	75-125	-	20
Potassium, Total	303.	932	1240	100		-	75-125	-	20
Selenium, Total	0.724J	11.2	10.8	96		-	75-125	-	20
Silver, Total	ND	28	29.1	104		-	75-125	-	20
Sodium, Total	35.6J	932	1000	107		-	75-125	-	20
Thallium, Total	ND	11.2	9.47	85		-	75-125	-	20
Vanadium, Total	12.7	46.6	59.3	100		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

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): 01-07 QC Batch ID: WG1111987-3 QC Sample: L1815370-01 Client ID: SB-3 (0-2)									
Zinc, Total	53.2	46.6	96.3	92	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1111673-4 QC Sample: L1815400-01 Client ID: DUP Sample						
Mercury, Total	0.030J	0.032J	mg/kg	NC		20

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1815370
Report Date: 05/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1111987-4 QC Sample: L1815370-01 Client ID: SB-3 (0-2)					
Aluminum, Total	5620	5890	mg/kg	5	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	6.35	5.81	mg/kg	9	20
Barium, Total	60.3	76.1	mg/kg	23	Q 20
Beryllium, Total	0.206J	0.209J	mg/kg	NC	20
Cadmium, Total	0.286J	0.254J	mg/kg	NC	20
Calcium, Total	2130	3320	mg/kg	44	Q 20
Chromium, Total	7.13	7.54	mg/kg	6	20
Cobalt, Total	2.68	2.40	mg/kg	11	20
Copper, Total	11.3	11.1	mg/kg	2	20
Iron, Total	10900	7770	mg/kg	34	Q 20
Lead, Total	36.5	33.7	mg/kg	8	20
Magnesium, Total	987.	1320	mg/kg	29	Q 20
Manganese, Total	133.	97.8	mg/kg	31	Q 20
Nickel, Total	6.25	5.09	mg/kg	20	20
Potassium, Total	303.	271	mg/kg	11	20
Selenium, Total	0.724J	0.282J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	35.6J	38.8J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1111987-4 QC Sample: L1815370-01 Client ID: SB-3 (0-2)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	12.7	12.8	mg/kg	1	20
Zinc, Total	53.2	58.2	mg/kg	9	20

INORGANICS & MISCELLANEOUS

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-01**Client ID:** SB-3 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 04/30/18 09:30**Date Received:** 05/01/18**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	83.8		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-02

Client ID: SB-5 (0-2)

Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30

Date Received: 05/01/18

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	77.4		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-03**Client ID:** SB-6 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 04/30/18 11:30**Date Received:** 05/01/18**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	88.1		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-04**Client ID:** SB-8 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 04/30/18 12:00**Date Received:** 05/01/18**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	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-05**Client ID:** SB-12 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 04/30/18 13:00**Date Received:** 05/01/18**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	85.1		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-06

Client ID: SB-7 (0-2)

Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 14:00

Date Received: 05/01/18

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	83.0		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-07

Client ID: SB-4 (0-2)

Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00

Date Received: 05/01/18

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	81.9		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-08**Client ID:** SB-3 1'**Sample Location:** EAST HARLEM, NY**Date Collected:** 04/30/18 09:30**Date Received:** 05/01/18**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	83.8		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-09

Client ID: SB-5 1'

Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 10:30

Date Received: 05/01/18

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	77.4		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-10

Client ID: SB-6 1'

Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 11:30

Date Received: 05/01/18

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	88.1		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-11**Client ID:** SB-8 1'**Sample Location:** EAST HARLEM, NY**Date Collected:** 04/30/18 12:00**Date Received:** 05/01/18**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	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-12

Client ID: SB-12 1'

Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 13:00

Date Received: 05/01/18

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	85.1		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815370**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815370-13**Client ID:** SB-7 1'**Sample Location:** EAST HARLEM, NY**Date Collected:** 04/30/18 14:00**Date Received:** 05/01/18**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	83.8		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815370-14

Client ID: SB-4 1'

Sample Location: EAST HARLEM, NY

Date Collected: 04/30/18 15:00

Date Received: 05/01/18

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	81.9		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Lab Duplicate Analysis
Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815370

Report Date: 05/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1111707-1 QC Sample: L1815370-01 Client ID: SB-3 (0-2)						
Solids, Total	83.8	84.9	%	1		20

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05071819:15
Lab Number: L1815370
Report Date: 05/07/18

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815370-01A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-01B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-01C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-01D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L1815370-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815370-01F	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815370-01X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		-
L1815370-01Y	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-01Z	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-02A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-02B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-02C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-02D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L1815370-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815370-02F	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815370-02X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		-
L1815370-02Y	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05071819:15
Lab Number: L1815370
Report Date: 05/07/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815370-02Z	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-03A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-03B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-03C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-03D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L1815370-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815370-03F	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815370-03X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		-
L1815370-03Y	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-03Z	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-04A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-04B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-04C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-04D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L1815370-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815370-04F	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815370-04X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		-
L1815370-04Y	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-04Z	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-05A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-05B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-05C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-05D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)

Project Name: SENDERO VERDE**Lab Number:** L1815370**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815370-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815370-05F	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815370-05X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		-
L1815370-05Y	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-05Z	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-06A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-06B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-06C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-06D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L1815370-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815370-06F	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815370-06X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		-
L1815370-06Y	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-06Z	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-07A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-07B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-07C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		-
L1815370-07D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L1815370-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815370-07F	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05071819:15
Lab Number: L1815370
Report Date: 05/07/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815370-07X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		-
L1815370-07Y	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-
L1815370-07Z	Vial Water preserved split	A	NA		4.4	Y	Absent	02-MAY-18 06:56	-

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815370
Report Date: 05/07/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
- 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

Report Format: DU Report with 'J' Qualifiers



Project Name: SENDERO VERDE
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Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- 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).
- 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: SENDERO VERDE
Project Number: 2984.0001Y000

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; 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.

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, SM4500CI-D, SM2320B, SM2540C, SM4500H-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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		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 <u>1</u> of <u>1</u>		Date Rec'd <u>5/1/18</u>		ALPHA LAB <u>15370</u>							
		Project Information Project Name: <u>Sendero Verde</u> Project Location: <u>East Harlem, NY</u> Project # <u>2984-0001Y000</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (4 File)		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #							
Client Information Client: <u>Roux</u> Address: <u>209 Shepler St</u> <u>Islandia, NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9878</u> Email: <u>jmorjarity@rouxinc.com</u>		Project Manager: <u>Julie Morjarity</u> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<input type="checkbox"/> NY Part 375 <input type="checkbox"/> NY CP-51 <input type="checkbox"/> Other		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:							
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:						ANALYSIS									
Please specify Metals or TAL.						Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)									
ALPHA LAB Chain of Custody		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		VOC 8260 SVOC 8270, 8280, 8290, 8300, 8310, 8320, 8330, 8340, 8350, 8360, 8370, 8380, 8390, 8400, 8410, 8420, 8430, 8440, 8450, 8460, 8470, 8480, 8490, 8500, 8510, 8520, 8530, 8540, 8550, 8560, 8570, 8580, 8590, 8600, 8610, 8620, 8630, 8640, 8650, 8660, 8670, 8680, 8690, 8700, 8710, 8720, 8730, 8740, 8750, 8760, 8770, 8780, 8790, 8800, 8810, 8820, 8830, 8840, 8850, 8860, 8870, 8880, 8890, 8900, 8910, 8920, 8930, 8940, 8950, 8960, 8970, 8980, 8990, 9000, 9010, 9020, 9030, 9040, 9050, 9060, 9070, 9080, 9090, 9100, 9110, 9120, 9130, 9140, 9150, 9160, 9170, 9180, 9190, 9200, 9210, 9220, 9230, 9240, 9250, 9260, 9270, 9280, 9290, 9300, 9310, 9320, 9330, 9340, 9350, 9360, 9370, 9380, 9390, 9400, 9410, 9420, 9430, 9440, 9450, 9460, 9470, 9480, 9490, 9500, 9510, 9520, 9530, 9540, 9550, 9560, 9570, 9580, 9590, 9600, 9610, 9620, 9630, 9640, 9650, 9660, 9670, 9680, 9690, 9700, 9710, 9720, 9730, 9740, 9750, 9760, 9770, 9780, 9790, 9800, 9810, 9820, 9830, 9840, 9850, 9860, 9870, 9880, 9890, 9900, 9910, 9920, 9930, 9940, 9950, 9960, 9970, 9980, 9990, 10000		TAL Metals Collec Total Solids		Sample Specific Comments	
15370-01		SB-3 (0-2)		4/30/18 9:30		Soil		VS		X X X X		6			
02		SB-5 (0-2)		10:30						X X X X		6			
03		SB-6 (0-2)		11:30						X X X X		6			
04		SB-8 (0-2)		12:00						X X X X		6			
05		SB-12 (0-2)		13:00						X X X X		6			
06		SB-7 (0-2)		14:00						X X X X		6			
07		SB-4 (0-2)		15:00		↓		↓		X X X X		6			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 Preservative		E A A P A A A A		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.)					
Relinquished By:		Date/Time		Received By:		Date/Time		Relinquished By:		Date/Time		Received By:		Date/Time	
Valen Soltan		5/1/18 7:53		LPP AAL		5/1/18 7:53		Valen Soltan		5/1/18 7:53		LPP AAL		5/1/18 7:53	
BLP		5/1/18 12:50		Daniel Santos AAL		5/1/18 1300		BLP		5/1/18 12:50		Daniel Santos AAL		5/1/18 1300	
Daniel Santos AAL		5/1/18 2300		J. M. M.		5/1/18 2300		Daniel Santos AAL		5/1/18 2300		J. M. M.		5/1/18 2300	



ANALYTICAL REPORT

Lab Number:	L1815425
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749
ATTN:	Julie Moriarity
Phone:	(631) 232-2600
Project Name:	SENDERO VERDE
Project Number:	2984.0001Y000
Report Date:	05/07/18

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-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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1815425-01	SB-10 (0-2)	SOIL	EAST HARLEM, NY	05/01/18 08:15	05/01/18
L1815425-02	SB-2 (0-2)	SOIL	EAST HARLEM, NY	05/01/18 08:45	05/01/18
L1815425-03	SB-9 (0-2)	SOIL	EAST HARLEM, NY	05/01/18 09:05	05/01/18
L1815425-04	SB-1 (0-2)	SOIL	EAST HARLEM, NY	05/01/18 10:00	05/01/18
L1815425-05	SB-11 (0-2)	SOIL	EAST HARLEM, NY	05/01/18 10:45	05/01/18
L1815425-06	SB-3 (17-19)	SOIL	EAST HARLEM, NY	05/01/18 11:30	05/01/18
L1815425-07	SB-10 (15-17)	SOIL	EAST HARLEM, NY	05/01/18 12:45	05/01/18
L1815425-08	SB-4 (11-13)	SOIL	EAST HARLEM, NY	05/01/18 14:30	05/01/18
L1815425-09	SB-10 1'	SOIL	EAST HARLEM, NY	05/01/18 08:15	05/01/18
L1815425-10	SB-2 1'	SOIL	EAST HARLEM, NY	05/01/18 08:45	05/01/18
L1815425-11	SB-9 1'	SOIL	EAST HARLEM, NY	05/01/18 09:05	05/01/18
L1815425-12	SB-1 1'	SOIL	EAST HARLEM, NY	05/01/18 10:00	05/01/18
L1815425-13	SB-11 1'	SOIL	EAST HARLEM, NY	05/01/18 10:45	05/01/18
L1815425-14	SB-3 18'	SOIL	EAST HARLEM, NY	05/01/18 11:30	05/01/18
L1815425-15	SB-10 16'	SOIL	EAST HARLEM, NY	05/01/18 12:45	05/01/18
L1815425-16	SB-4 12.5'	SOIL	EAST HARLEM, NY	05/01/18 14:30	05/01/18

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Pesticides

L1815425-02 through -05: The sample has elevated detection limits due to the dilution required by the sample matrix.


Total Metals

L1815425-01 through -08: 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.

The WG1111987-1 Method Blank, associated with L1815425-01 through -08, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/07/18

ORGANICS

VOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-09
 Client ID: SB-10 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:15
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 18:35
 Analyst: AD
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.3	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.38	1
Chloroform	ND		ug/kg	2.1	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.49	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.44	1
Tetrachloroethene	ND		ug/kg	1.4	0.43	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.1	0.59	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.50	1
Bromodichloromethane	ND		ug/kg	1.4	0.44	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.33	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.30	1
1,1-Dichloropropene	ND		ug/kg	7.1	0.47	1
Bromoform	ND		ug/kg	5.7	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.42	1
Benzene	ND		ug/kg	1.4	0.27	1
Toluene	ND		ug/kg	2.1	0.28	1
Ethylbenzene	ND		ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	7.1	0.62	1
Bromomethane	ND		ug/kg	2.8	0.48	1
Vinyl chloride	ND		ug/kg	2.8	0.45	1
Chloroethane	ND		ug/kg	2.8	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.53	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.34	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-09
 Client ID: SB-10 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:15
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.4	0.43	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	0.26	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.22	1
p/m-Xylene	ND		ug/kg	2.8	0.50	1
o-Xylene	ND		ug/kg	2.8	0.48	1
Xylenes, Total	ND		ug/kg	2.8	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.49	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.34	1
Dibromomethane	ND		ug/kg	14	0.34	1
Styrene	ND		ug/kg	2.8	0.57	1
Dichlorodifluoromethane	ND		ug/kg	14	0.71	1
Acetone	9.4	J	ug/kg	14	3.2	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	ND		ug/kg	14	0.98	1
Vinyl acetate	ND		ug/kg	14	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.25	1
2-Hexanone	ND		ug/kg	14	0.95	1
Bromochloromethane	ND		ug/kg	7.1	0.51	1
2,2-Dichloropropane	ND		ug/kg	7.1	0.64	1
1,2-Dibromoethane	ND		ug/kg	5.7	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.1	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.45	1
Bromobenzene	ND		ug/kg	7.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.4	0.32	1
sec-Butylbenzene	ND		ug/kg	1.4	0.31	1
tert-Butylbenzene	ND		ug/kg	7.1	0.35	1
o-Chlorotoluene	ND		ug/kg	7.1	0.31	1
p-Chlorotoluene	ND		ug/kg	7.1	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	0.56	1
Hexachlorobutadiene	ND		ug/kg	7.1	0.50	1
Isopropylbenzene	ND		ug/kg	1.4	0.28	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.29	1
Naphthalene	ND		ug/kg	7.1	0.20	1
Acrylonitrile	ND		ug/kg	14	0.73	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-09**Date Collected:** 05/01/18 08:15**Client ID:** SB-10 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.1	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.1	0.26	1
1,4-Dioxane	ND		ug/kg	57	20.	1
p-Diethylbenzene	ND		ug/kg	5.7	5.7	1
p-Ethyltoluene	ND		ug/kg	5.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.7	0.22	1
Ethyl ether	ND		ug/kg	7.1	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.1	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-10
 Client ID: SB-2 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/04/18 13:08
 Analyst: BD
 Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	21	3.4	1
1,1-Dichloroethane	ND		ug/kg	3.1	0.56	1
Chloroform	ND		ug/kg	3.1	0.77	1
Carbon tetrachloride	ND		ug/kg	2.1	0.72	1
1,2-Dichloropropane	ND		ug/kg	7.3	0.47	1
Dibromochloromethane	ND		ug/kg	2.1	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	3.1	0.65	1
Tetrachloroethene	ND		ug/kg	2.1	0.63	1
Chlorobenzene	ND		ug/kg	2.1	0.72	1
Trichlorofluoromethane	ND		ug/kg	10	0.86	1
1,2-Dichloroethane	ND		ug/kg	2.1	0.51	1
1,1,1-Trichloroethane	ND		ug/kg	2.1	0.73	1
Bromodichloromethane	ND		ug/kg	2.1	0.64	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	2.1	0.48	1
1,3-Dichloropropene, Total	ND		ug/kg	2.1	0.43	1
1,1-Dichloropropene	ND		ug/kg	10	0.68	1
Bromoform	ND		ug/kg	8.3	0.49	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	0.62	1
Benzene	ND		ug/kg	2.1	0.40	1
Toluene	ND		ug/kg	3.1	0.40	1
Ethylbenzene	ND		ug/kg	2.1	0.35	1
Chloromethane	ND		ug/kg	10	0.90	1
Bromomethane	ND		ug/kg	4.2	0.70	1
Vinyl chloride	ND		ug/kg	4.2	0.65	1
Chloroethane	ND		ug/kg	4.2	0.66	1
1,1-Dichloroethene	ND		ug/kg	2.1	0.77	1
trans-1,2-Dichloroethene	ND		ug/kg	3.1	0.50	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-10
 Client ID: SB-2 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	2.1	0.63	1
1,2-Dichlorobenzene	ND		ug/kg	10	0.38	1
1,3-Dichlorobenzene	ND		ug/kg	10	0.45	1
1,4-Dichlorobenzene	ND		ug/kg	10	0.38	1
Methyl tert butyl ether	ND		ug/kg	4.2	0.32	1
p/m-Xylene	ND		ug/kg	4.2	0.73	1
o-Xylene	ND		ug/kg	4.2	0.70	1
Xylenes, Total	ND		ug/kg	4.2	0.70	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	0.71	1
1,2-Dichloroethene, Total	ND		ug/kg	2.1	0.50	1
Dibromomethane	ND		ug/kg	21	0.50	1
Styrene	ND		ug/kg	4.2	0.83	1
Dichlorodifluoromethane	ND		ug/kg	21	1.0	1
Acetone	ND		ug/kg	21	4.8	1
Carbon disulfide	ND		ug/kg	21	2.3	1
2-Butanone	ND		ug/kg	21	1.4	1
Vinyl acetate	ND		ug/kg	21	0.32	1
4-Methyl-2-pentanone	ND		ug/kg	21	0.51	1
1,2,3-Trichloropropane	ND		ug/kg	21	0.37	1
2-Hexanone	ND		ug/kg	21	1.4	1
Bromochloromethane	ND		ug/kg	10	0.74	1
2,2-Dichloropropane	ND		ug/kg	10	0.93	1
1,2-Dibromoethane	ND		ug/kg	8.3	0.41	1
1,3-Dichloropropane	ND		ug/kg	10	0.38	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.1	0.66	1
Bromobenzene	ND		ug/kg	10	0.45	1
n-Butylbenzene	ND		ug/kg	2.1	0.47	1
sec-Butylbenzene	ND		ug/kg	2.1	0.45	1
tert-Butylbenzene	ND		ug/kg	10	0.51	1
o-Chlorotoluene	ND		ug/kg	10	0.46	1
p-Chlorotoluene	ND		ug/kg	10	0.38	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	10	0.82	1
Hexachlorobutadiene	ND		ug/kg	10	0.72	1
Isopropylbenzene	ND		ug/kg	2.1	0.40	1
p-Isopropyltoluene	ND		ug/kg	2.1	0.42	1
Naphthalene	ND		ug/kg	10	0.29	1
Acrylonitrile	ND		ug/kg	21	1.1	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-10**Date Collected:** 05/01/18 08:45**Client ID:** SB-2 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.1	0.45	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	0.52	1
1,2,4-Trichlorobenzene	ND		ug/kg	10	0.45	1
1,3,5-Trimethylbenzene	ND		ug/kg	10	0.33	1
1,2,4-Trimethylbenzene	ND		ug/kg	10	0.39	1
1,4-Dioxane	ND		ug/kg	83	30.	1
p-Diethylbenzene	ND		ug/kg	8.3	8.3	1
p-Ethyltoluene	ND		ug/kg	8.3	0.48	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	8.3	0.32	1
Ethyl ether	ND		ug/kg	10	0.54	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	10	0.81	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	128		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-11
 Client ID: SB-9 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 09:05
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 19:30
 Analyst: AD
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	2.5	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.41	1
Chloroform	ND		ug/kg	2.3	0.56	1
Carbon tetrachloride	ND		ug/kg	1.5	0.52	1
1,2-Dichloropropane	ND		ug/kg	5.3	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.47	1
Tetrachloroethene	ND		ug/kg	1.5	0.46	1
Chlorobenzene	ND		ug/kg	1.5	0.52	1
Trichlorofluoromethane	ND		ug/kg	7.5	0.63	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.53	1
Bromodichloromethane	ND		ug/kg	1.5	0.46	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.35	1
1,3-Dichloropropene, Total	ND		ug/kg	1.5	0.31	1
1,1-Dichloropropene	ND		ug/kg	7.5	0.49	1
Bromoform	ND		ug/kg	6.0	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.45	1
Benzene	ND		ug/kg	1.5	0.29	1
Toluene	ND		ug/kg	2.3	0.29	1
Ethylbenzene	ND		ug/kg	1.5	0.26	1
Chloromethane	ND		ug/kg	7.5	0.66	1
Bromomethane	ND		ug/kg	3.0	0.51	1
Vinyl chloride	ND		ug/kg	3.0	0.47	1
Chloroethane	ND		ug/kg	3.0	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.56	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.36	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-11**Date Collected:** 05/01/18 09:05**Client ID:** SB-9 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.5	0.46	1
1,2-Dichlorobenzene	ND		ug/kg	7.5	0.27	1
1,3-Dichlorobenzene	ND		ug/kg	7.5	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	7.5	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.23	1
p/m-Xylene	ND		ug/kg	3.0	0.53	1
o-Xylene	ND		ug/kg	3.0	0.51	1
Xylenes, Total	ND		ug/kg	3.0	0.51	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.52	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.36	1
Dibromomethane	ND		ug/kg	15	0.36	1
Styrene	ND		ug/kg	3.0	0.60	1
Dichlorodifluoromethane	ND		ug/kg	15	0.75	1
Acetone	ND		ug/kg	15	3.4	1
Carbon disulfide	ND		ug/kg	15	1.6	1
2-Butanone	ND		ug/kg	15	1.0	1
Vinyl acetate	ND		ug/kg	15	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.37	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.27	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.5	0.54	1
2,2-Dichloropropane	ND		ug/kg	7.5	0.68	1
1,2-Dibromoethane	ND		ug/kg	6.0	0.30	1
1,3-Dichloropropane	ND		ug/kg	7.5	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.48	1
Bromobenzene	ND		ug/kg	7.5	0.33	1
n-Butylbenzene	ND		ug/kg	1.5	0.34	1
sec-Butylbenzene	ND		ug/kg	1.5	0.33	1
tert-Butylbenzene	ND		ug/kg	7.5	0.37	1
o-Chlorotoluene	ND		ug/kg	7.5	0.33	1
p-Chlorotoluene	ND		ug/kg	7.5	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.5	0.60	1
Hexachlorobutadiene	ND		ug/kg	7.5	0.52	1
Isopropylbenzene	ND		ug/kg	1.5	0.29	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.30	1
Naphthalene	ND		ug/kg	7.5	0.21	1
Acrylonitrile	ND		ug/kg	15	0.77	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-11**Date Collected:** 05/01/18 09:05**Client ID:** SB-9 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.5	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.5	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.5	0.28	1
1,4-Dioxane	ND		ug/kg	60	22.	1
p-Diethylbenzene	ND		ug/kg	6.0	6.0	1
p-Ethyltoluene	ND		ug/kg	6.0	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.0	0.24	1
Ethyl ether	ND		ug/kg	7.5	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-12
 Client ID: SB-1 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 19:58
 Analyst: AD
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	2.5	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.41	1
Chloroform	ND		ug/kg	2.3	0.56	1
Carbon tetrachloride	ND		ug/kg	1.5	0.52	1
1,2-Dichloropropane	ND		ug/kg	5.3	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.47	1
Tetrachloroethene	ND		ug/kg	1.5	0.46	1
Chlorobenzene	ND		ug/kg	1.5	0.52	1
Trichlorofluoromethane	ND		ug/kg	7.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.53	1
Bromodichloromethane	ND		ug/kg	1.5	0.46	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.35	1
1,3-Dichloropropene, Total	ND		ug/kg	1.5	0.31	1
1,1-Dichloropropene	ND		ug/kg	7.6	0.50	1
Bromoform	ND		ug/kg	6.0	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.45	1
Benzene	ND		ug/kg	1.5	0.29	1
Toluene	ND		ug/kg	2.3	0.29	1
Ethylbenzene	ND		ug/kg	1.5	0.26	1
Chloromethane	ND		ug/kg	7.6	0.66	1
Bromomethane	ND		ug/kg	3.0	0.51	1
Vinyl chloride	ND		ug/kg	3.0	0.48	1
Chloroethane	ND		ug/kg	3.0	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.56	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.36	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-12
 Client ID: SB-1 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.5	0.46	1
1,2-Dichlorobenzene	ND		ug/kg	7.6	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	7.6	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	7.6	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.23	1
p/m-Xylene	ND		ug/kg	3.0	0.53	1
o-Xylene	ND		ug/kg	3.0	0.51	1
Xylenes, Total	ND		ug/kg	3.0	0.51	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.52	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.36	1
Dibromomethane	ND		ug/kg	15	0.36	1
Styrene	ND		ug/kg	3.0	0.61	1
Dichlorodifluoromethane	ND		ug/kg	15	0.76	1
Acetone	ND		ug/kg	15	3.5	1
Carbon disulfide	ND		ug/kg	15	1.7	1
2-Butanone	ND		ug/kg	15	1.0	1
Vinyl acetate	ND		ug/kg	15	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.37	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.27	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.6	0.54	1
2,2-Dichloropropane	ND		ug/kg	7.6	0.68	1
1,2-Dibromoethane	ND		ug/kg	6.0	0.30	1
1,3-Dichloropropane	ND		ug/kg	7.6	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.48	1
Bromobenzene	ND		ug/kg	7.6	0.33	1
n-Butylbenzene	ND		ug/kg	1.5	0.34	1
sec-Butylbenzene	ND		ug/kg	1.5	0.33	1
tert-Butylbenzene	ND		ug/kg	7.6	0.37	1
o-Chlorotoluene	ND		ug/kg	7.6	0.33	1
p-Chlorotoluene	ND		ug/kg	7.6	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.6	0.60	1
Hexachlorobutadiene	ND		ug/kg	7.6	0.52	1
Isopropylbenzene	ND		ug/kg	1.5	0.29	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.30	1
Naphthalene	ND		ug/kg	7.6	0.21	1
Acrylonitrile	ND		ug/kg	15	0.78	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-12**Date Collected:** 05/01/18 10:00**Client ID:** SB-1 1'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.6	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.6	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.6	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.6	0.28	1
1,4-Dioxane	ND		ug/kg	60	22.	1
p-Diethylbenzene	ND		ug/kg	6.0	6.0	1
p-Ethyltoluene	ND		ug/kg	6.0	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.0	0.24	1
Ethyl ether	ND		ug/kg	7.6	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-13
 Client ID: SB-11 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 23:51
 Analyst: NLK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	22	3.6	1
1,1-Dichloroethane	ND		ug/kg	3.3	0.59	1
Chloroform	ND		ug/kg	3.3	0.81	1
Carbon tetrachloride	ND		ug/kg	2.2	0.75	1
1,2-Dichloropropane	ND		ug/kg	7.6	0.50	1
Dibromochloromethane	ND		ug/kg	2.2	0.38	1
1,1,2-Trichloroethane	ND		ug/kg	3.3	0.68	1
Tetrachloroethene	ND		ug/kg	2.2	0.66	1
Chlorobenzene	ND		ug/kg	2.2	0.76	1
Trichlorofluoromethane	ND		ug/kg	11	0.91	1
1,2-Dichloroethane	ND		ug/kg	2.2	0.54	1
1,1,1-Trichloroethane	ND		ug/kg	2.2	0.76	1
Bromodichloromethane	ND		ug/kg	2.2	0.67	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	2.2	0.50	1
1,3-Dichloropropene, Total	ND		ug/kg	2.2	0.45	1
1,1-Dichloropropene	ND		ug/kg	11	0.72	1
Bromoform	ND		ug/kg	8.7	0.52	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	0.65	1
Benzene	ND		ug/kg	2.2	0.42	1
Toluene	ND		ug/kg	3.3	0.42	1
Ethylbenzene	ND		ug/kg	2.2	0.37	1
Chloromethane	ND		ug/kg	11	0.95	1
Bromomethane	ND		ug/kg	4.4	0.74	1
Vinyl chloride	ND		ug/kg	4.4	0.69	1
Chloroethane	ND		ug/kg	4.4	0.69	1
1,1-Dichloroethene	ND		ug/kg	2.2	0.81	1
trans-1,2-Dichloroethene	ND		ug/kg	3.3	0.52	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-13
 Client ID: SB-11 1'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	2.2	0.66	1
1,2-Dichlorobenzene	ND		ug/kg	11	0.40	1
1,3-Dichlorobenzene	ND		ug/kg	11	0.48	1
1,4-Dichlorobenzene	ND		ug/kg	11	0.40	1
Methyl tert butyl ether	ND		ug/kg	4.4	0.33	1
p/m-Xylene	ND		ug/kg	4.4	0.76	1
o-Xylene	ND		ug/kg	4.4	0.74	1
Xylenes, Total	ND		ug/kg	4.4	0.74	1
cis-1,2-Dichloroethene	ND		ug/kg	2.2	0.74	1
1,2-Dichloroethene, Total	ND		ug/kg	2.2	0.52	1
Dibromomethane	ND		ug/kg	22	0.52	1
Styrene	ND		ug/kg	4.4	0.87	1
Dichlorodifluoromethane	ND		ug/kg	22	1.1	1
Acetone	18	J	ug/kg	22	5.0	1
Carbon disulfide	ND		ug/kg	22	2.4	1
2-Butanone	ND		ug/kg	22	1.5	1
Vinyl acetate	ND		ug/kg	22	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	22	0.53	1
1,2,3-Trichloropropane	ND		ug/kg	22	0.38	1
2-Hexanone	ND		ug/kg	22	1.4	1
Bromochloromethane	ND		ug/kg	11	0.78	1
2,2-Dichloropropane	ND		ug/kg	11	0.98	1
1,2-Dibromoethane	ND		ug/kg	8.7	0.43	1
1,3-Dichloropropane	ND		ug/kg	11	0.40	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.2	0.69	1
Bromobenzene	ND		ug/kg	11	0.48	1
n-Butylbenzene	ND		ug/kg	2.2	0.50	1
sec-Butylbenzene	ND		ug/kg	2.2	0.47	1
tert-Butylbenzene	ND		ug/kg	11	0.54	1
o-Chlorotoluene	ND		ug/kg	11	0.48	1
p-Chlorotoluene	ND		ug/kg	11	0.40	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	11	0.86	1
Hexachlorobutadiene	ND		ug/kg	11	0.76	1
Isopropylbenzene	ND		ug/kg	2.2	0.42	1
p-Isopropyltoluene	ND		ug/kg	2.2	0.44	1
Naphthalene	ND		ug/kg	11	0.30	1
Acrylonitrile	ND		ug/kg	22	1.1	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-13
Client ID: SB-11 1'
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:45
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.2	0.47	1
1,2,3-Trichlorobenzene	ND		ug/kg	11	0.55	1
1,2,4-Trichlorobenzene	ND		ug/kg	11	0.47	1
1,3,5-Trimethylbenzene	ND		ug/kg	11	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	11	0.40	1
1,4-Dioxane	ND		ug/kg	87	31.	1
p-Diethylbenzene	ND		ug/kg	8.7	8.7	1
p-Ethyltoluene	ND		ug/kg	8.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	8.7	0.34	1
Ethyl ether	ND		ug/kg	11	0.57	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	11	0.85	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	74		70-130
Dibromofluoromethane	118		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-14
 Client ID: SB-3 18'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 11:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 20:53
 Analyst: AD
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.28	1
Chloroform	2.8		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.35	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.32	1
Tetrachloroethene	ND		ug/kg	1.0	0.31	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.36	1
Bromodichloromethane	ND		ug/kg	1.0	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21	1
1,1-Dichloropropene	ND		ug/kg	5.1	0.34	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30	1
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.17	1
Chloromethane	ND		ug/kg	5.1	0.45	1
Bromomethane	ND		ug/kg	2.0	0.35	1
Vinyl chloride	ND		ug/kg	2.0	0.32	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.25	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-14
 Client ID: SB-3 18'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 11:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.0	0.31	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.16	1
p/m-Xylene	ND		ug/kg	2.0	0.36	1
o-Xylene	ND		ug/kg	2.0	0.35	1
Xylenes, Total	ND		ug/kg	2.0	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.35	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.25	1
Dibromomethane	ND		ug/kg	10	0.24	1
Styrene	ND		ug/kg	2.0	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.51	1
Acetone	6.2	J	ug/kg	10	2.3	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.71	1
Vinyl acetate	ND		ug/kg	10	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.18	1
2-Hexanone	ND		ug/kg	10	0.68	1
Bromochloromethane	ND		ug/kg	5.1	0.36	1
2,2-Dichloropropane	ND		ug/kg	5.1	0.46	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.1	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.0	0.23	1
sec-Butylbenzene	ND		ug/kg	1.0	0.22	1
tert-Butylbenzene	ND		ug/kg	5.1	0.25	1
o-Chlorotoluene	ND		ug/kg	5.1	0.23	1
p-Chlorotoluene	ND		ug/kg	5.1	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	0.40	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.36	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	ND		ug/kg	5.1	0.14	1
Acrylonitrile	ND		ug/kg	10	0.53	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-14**Date Collected:** 05/01/18 11:30**Client ID:** SB-3 18'**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	0.19	1
1,4-Dioxane	ND		ug/kg	41	15.	1
p-Diethylbenzene	ND		ug/kg	4.1	4.1	1
p-Ethyltoluene	ND		ug/kg	4.1	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.1	0.16	1
Ethyl ether	ND		ug/kg	5.1	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-15
 Client ID: SB-10 16'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 21:20
 Analyst: AD
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.31	1
Chloroform	1.7		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.39	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.36	1
Tetrachloroethene	ND		ug/kg	1.1	0.34	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.40	1
Bromodichloromethane	ND		ug/kg	1.1	0.35	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.24	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.37	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Benzene	ND		ug/kg	1.1	0.22	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.19	1
Chloromethane	ND		ug/kg	5.7	0.50	1
Bromomethane	ND		ug/kg	2.3	0.38	1
Vinyl chloride	ND		ug/kg	2.3	0.36	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.27	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-15
 Client ID: SB-10 16'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.1	0.34	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.17	1
p/m-Xylene	ND		ug/kg	2.3	0.40	1
o-Xylene	ND		ug/kg	2.3	0.38	1
Xylenes, Total	ND		ug/kg	2.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.39	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.27	1
Dibromomethane	ND		ug/kg	11	0.27	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	11	0.57	1
Acetone	25		ug/kg	11	2.6	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.78	1
Vinyl acetate	ND		ug/kg	11	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.20	1
2-Hexanone	ND		ug/kg	11	0.76	1
Bromochloromethane	ND		ug/kg	5.7	0.40	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.51	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.23	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.25	1
n-Butylbenzene	ND		ug/kg	1.1	0.26	1
sec-Butylbenzene	ND		ug/kg	1.1	0.25	1
tert-Butylbenzene	ND		ug/kg	5.7	0.28	1
o-Chlorotoluene	ND		ug/kg	5.7	0.25	1
p-Chlorotoluene	ND		ug/kg	5.7	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.45	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.40	1
Isopropylbenzene	ND		ug/kg	1.1	0.22	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.23	1
Naphthalene	ND		ug/kg	5.7	0.16	1
Acrylonitrile	ND		ug/kg	11	0.58	1



Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-15
 Client ID: SB-10 16'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.21	1
1,4-Dioxane	ND		ug/kg	45	16.	1
p-Diethylbenzene	ND		ug/kg	4.5	4.5	1
p-Ethyltoluene	ND		ug/kg	4.5	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.5	0.18	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.44	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-16
 Client ID: SB-4 12.5'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 14:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/18 21:48
 Analyst: AD
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.33	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.43	1
Bromodichloromethane	ND		ug/kg	1.2	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.25	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.40	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.36	1
Benzene	ND		ug/kg	1.2	0.24	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.1	0.53	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.38	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.29	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-16
 Client ID: SB-4 12.5'
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 14:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.19	1
p/m-Xylene	ND		ug/kg	2.4	0.43	1
o-Xylene	ND		ug/kg	2.4	0.41	1
Xylenes, Total	ND		ug/kg	2.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.42	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.29	1
Dibromomethane	ND		ug/kg	12	0.29	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.61	1
Acetone	12		ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.84	1
Vinyl acetate	ND		ug/kg	12	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.22	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.44	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.55	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.1	0.27	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	ND		ug/kg	6.1	0.30	1
o-Chlorotoluene	ND		ug/kg	6.1	0.27	1
p-Chlorotoluene	ND		ug/kg	6.1	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.42	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.25	1
Naphthalene	ND		ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.63	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-16
Client ID: SB-4 12.5'
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 14:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.23	1
1,4-Dioxane	ND		ug/kg	49	18.	1
p-Diethylbenzene	ND		ug/kg	4.9	4.9	1
p-Ethyltoluene	ND		ug/kg	4.9	0.29	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.19	1
Ethyl ether	ND		ug/kg	6.1	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 12:36
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04,06-09,11-12,14-16 Batch: WG1112378-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30



Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 12:36
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04,06-09,11-12,14-16 Batch: WG1112378-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22



Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 12:36
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04,06-09,11-12,14-16 Batch: WG1112378-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	0.24	J	ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	98		70-130

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 21:14
 Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,13 Batch: WG1112588-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	1.4	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 21:14
 Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,13 Batch: WG1112588-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/18 21:14
 Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,13 Batch: WG1112588-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	104		70-130

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/04/18 08:32
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05,10 Batch: WG1112692-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/04/18 08:32
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05,10 Batch: WG1112692-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/04/18 08:32
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05,10 Batch: WG1112692-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04,06-09,11-12,14-16 Batch: WG1112378-3 WG1112378-4								
Methylene chloride	92		88		70-130	4		30
1,1-Dichloroethane	100		98		70-130	2		30
Chloroform	97		95		70-130	2		30
Carbon tetrachloride	106		103		70-130	3		30
1,2-Dichloropropane	98		97		70-130	1		30
Dibromochloromethane	107		109		70-130	2		30
1,1,2-Trichloroethane	109		109		70-130	0		30
Tetrachloroethene	109		109		70-130	0		30
Chlorobenzene	107		106		70-130	1		30
Trichlorofluoromethane	112		108		70-139	4		30
1,2-Dichloroethane	92		91		70-130	1		30
1,1,1-Trichloroethane	104		102		70-130	2		30
Bromodichloromethane	97		96		70-130	1		30
trans-1,3-Dichloropropene	90		93		70-130	3		30
cis-1,3-Dichloropropene	100		100		70-130	0		30
1,1-Dichloropropene	108		104		70-130	4		30
Bromoform	92		94		70-130	2		30
1,1,2,2-Tetrachloroethane	104		105		70-130	1		30
Benzene	99		96		70-130	3		30
Toluene	110		108		70-130	2		30
Ethylbenzene	111		110		70-130	1		30
Chloromethane	95		86		52-130	10		30
Bromomethane	124		118		57-147	5		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04,06-09,11-12,14-16 Batch: WG1112378-3 WG1112378-4								
Vinyl chloride	104		100		67-130	4		30
Chloroethane	106		98		50-151	8		30
1,1-Dichloroethene	125		120		65-135	4		30
trans-1,2-Dichloroethene	103		100		70-130	3		30
Trichloroethene	100		97		70-130	3		30
1,2-Dichlorobenzene	109		108		70-130	1		30
1,3-Dichlorobenzene	111		109		70-130	2		30
1,4-Dichlorobenzene	106		106		70-130	0		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	106		106		70-130	0		30
cis-1,2-Dichloroethene	99		97		70-130	2		30
Dibromomethane	98		96		70-130	2		30
Styrene	106		104		70-130	2		30
Dichlorodifluoromethane	108		104		30-146	4		30
Acetone	110		97		54-140	13		30
Carbon disulfide	126		117		59-130	7		30
2-Butanone	96		100		70-130	4		30
Vinyl acetate	79		80		70-130	1		30
4-Methyl-2-pentanone	89		90		70-130	1		30
1,2,3-Trichloropropane	103		102		68-130	1		30
2-Hexanone	88		91		70-130	3		30
Bromochloromethane	103		100		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04,06-09,11-12,14-16 Batch: WG1112378-3 WG1112378-4								
2,2-Dichloropropane	104		103		70-130	1		30
1,2-Dibromoethane	110		112		70-130	2		30
1,3-Dichloropropane	105		106		69-130	1		30
1,1,1,2-Tetrachloroethane	110		111		70-130	1		30
Bromobenzene	110		108		70-130	2		30
n-Butylbenzene	118		115		70-130	3		30
sec-Butylbenzene	119		116		70-130	3		30
tert-Butylbenzene	119		116		70-130	3		30
o-Chlorotoluene	113		110		70-130	3		30
p-Chlorotoluene	112		110		70-130	2		30
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Hexachlorobutadiene	116		113		67-130	3		30
Isopropylbenzene	118		115		70-130	3		30
p-Isopropyltoluene	121		117		70-130	3		30
Naphthalene	107		108		70-130	1		30
Acrylonitrile	84		86		70-130	2		30
n-Propylbenzene	117		114		70-130	3		30
1,2,3-Trichlorobenzene	108		108		70-130	0		30
1,2,4-Trichlorobenzene	111		110		70-130	1		30
1,3,5-Trimethylbenzene	115		112		70-130	3		30
1,2,4-Trimethylbenzene	117		115		70-130	2		30
1,4-Dioxane	85		87		65-136	2		30
p-Diethylbenzene	120		117		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04,06-09,11-12,14-16 Batch: WG1112378-3 WG1112378-4								
p-Ethyltoluene	119		115		70-130	3		30
1,2,4,5-Tetramethylbenzene	118		116		70-130	2		30
Ethyl ether	98		96		67-130	2		30
trans-1,4-Dichloro-2-butene	95		95		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	105		107		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	96		96		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,13 Batch: WG1112588-3 WG1112588-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	85		84		70-130	1		30
Carbon tetrachloride	86		84		70-130	2		30
1,2-Dichloropropane	101		102		70-130	1		30
Dibromochloromethane	81		80		70-130	1		30
1,1,2-Trichloroethane	90		92		70-130	2		30
Tetrachloroethene	93		90		70-130	3		30
Chlorobenzene	86		85		70-130	1		30
Trichlorofluoromethane	90		88		70-139	2		30
1,2-Dichloroethane	80		79		70-130	1		30
1,1,1-Trichloroethane	80		78		70-130	3		30
Bromodichloromethane	87		87		70-130	0		30
trans-1,3-Dichloropropene	77		76		70-130	1		30
cis-1,3-Dichloropropene	94		93		70-130	1		30
1,1-Dichloropropene	87		85		70-130	2		30
Bromoform	82		84		70-130	2		30
1,1,2,2-Tetrachloroethane	92		95		70-130	3		30
Benzene	93		92		70-130	1		30
Toluene	87		84		70-130	4		30
Ethylbenzene	85		81		70-130	5		30
Chloromethane	107		104		52-130	3		30
Bromomethane	97		95		57-147	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,13 Batch: WG1112588-3 WG1112588-4								
Vinyl chloride	107		106		67-130	1		30
Chloroethane	96		92		50-151	4		30
1,1-Dichloroethene	86		84		65-135	2		30
trans-1,2-Dichloroethene	84		84		70-130	0		30
Trichloroethene	84		81		70-130	4		30
1,2-Dichlorobenzene	93		92		70-130	1		30
1,3-Dichlorobenzene	92		90		70-130	2		30
1,4-Dichlorobenzene	92		89		70-130	3		30
Methyl tert butyl ether	89		91		66-130	2		30
p/m-Xylene	94		90		70-130	4		30
o-Xylene	92		88		70-130	4		30
cis-1,2-Dichloroethene	86		85		70-130	1		30
Dibromomethane	89		92		70-130	3		30
Styrene	97		95		70-130	2		30
Dichlorodifluoromethane	86		84		30-146	2		30
Acetone	77		83		54-140	8		30
Carbon disulfide	93		92		59-130	1		30
2-Butanone	92		95		70-130	3		30
Vinyl acetate	108		104		70-130	4		30
4-Methyl-2-pentanone	85		88		70-130	3		30
1,2,3-Trichloropropane	85		87		68-130	2		30
2-Hexanone	76		80		70-130	5		30
Bromochloromethane	97		96		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,13 Batch: WG1112588-3 WG1112588-4								
2,2-Dichloropropane	83		82		70-130	1		30
1,2-Dibromoethane	89		89		70-130	0		30
1,3-Dichloropropane	89		89		69-130	0		30
1,1,1,2-Tetrachloroethane	87		85		70-130	2		30
Bromobenzene	85		83		70-130	2		30
n-Butylbenzene	87		84		70-130	4		30
sec-Butylbenzene	90		87		70-130	3		30
tert-Butylbenzene	82		80		70-130	2		30
o-Chlorotoluene	82		80		70-130	2		30
p-Chlorotoluene	83		79		70-130	5		30
1,2-Dibromo-3-chloropropane	87		90		68-130	3		30
Hexachlorobutadiene	82		79		67-130	4		30
Isopropylbenzene	86		83		70-130	4		30
p-Isopropyltoluene	84		80		70-130	5		30
Naphthalene	83		82		70-130	1		30
Acrylonitrile	109		106		70-130	3		30
n-Propylbenzene	84		81		70-130	4		30
1,2,3-Trichlorobenzene	94		92		70-130	2		30
1,2,4-Trichlorobenzene	91		88		70-130	3		30
1,3,5-Trimethylbenzene	88		85		70-130	3		30
1,2,4-Trimethylbenzene	90		87		70-130	3		30
1,4-Dioxane	123		129		65-136	5		30
p-Diethylbenzene	82		78		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,13 Batch: WG1112588-3 WG1112588-4								
p-Ethyltoluene	85		82		70-130	4		30
1,2,4,5-Tetramethylbenzene	79		76		70-130	4		30
Ethyl ether	106		108		67-130	2		30
trans-1,4-Dichloro-2-butene	87		87		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		93		70-130
Toluene-d8	94		93		70-130
4-Bromofluorobenzene	86		87		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,10 Batch: WG1112692-3 WG1112692-4								
Methylene chloride	91		88		70-130	3		30
1,1-Dichloroethane	102		99		70-130	3		30
Chloroform	97		94		70-130	3		30
Carbon tetrachloride	104		103		70-130	1		30
1,2-Dichloropropane	99		98		70-130	1		30
Dibromochloromethane	112		112		70-130	0		30
1,1,2-Trichloroethane	116		114		70-130	2		30
Tetrachloroethene	116		112		70-130	4		30
Chlorobenzene	113		110		70-130	3		30
Trichlorofluoromethane	111		107		70-139	4		30
1,2-Dichloroethane	90		91		70-130	1		30
1,1,1-Trichloroethane	102		101		70-130	1		30
Bromodichloromethane	95		95		70-130	0		30
trans-1,3-Dichloropropene	95		95		70-130	0		30
cis-1,3-Dichloropropene	99		100		70-130	1		30
1,1-Dichloropropene	108		105		70-130	3		30
Bromoform	95		99		70-130	4		30
1,1,2,2-Tetrachloroethane	114		115		70-130	1		30
Benzene	100		98		70-130	2		30
Toluene	117		113		70-130	3		30
Ethylbenzene	118		114		70-130	3		30
Chloromethane	86		88		52-130	2		30
Bromomethane	115		108		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,10 Batch: WG1112692-3 WG1112692-4								
Vinyl chloride	108		103		67-130	5		30
Chloroethane	102		103		50-151	1		30
1,1-Dichloroethene	122		107		65-135	13		30
trans-1,2-Dichloroethene	102		99		70-130	3		30
Trichloroethene	101		98		70-130	3		30
1,2-Dichlorobenzene	116		115		70-130	1		30
1,3-Dichlorobenzene	120		117		70-130	3		30
1,4-Dichlorobenzene	114		112		70-130	2		30
Methyl tert butyl ether	91		91		66-130	0		30
p/m-Xylene	116		112		70-130	4		30
o-Xylene	114		110		70-130	4		30
cis-1,2-Dichloroethene	98		96		70-130	2		30
Dibromomethane	96		96		70-130	0		30
Styrene	112		109		70-130	3		30
Dichlorodifluoromethane	109		104		30-146	5		30
Acetone	100		97		54-140	3		30
Carbon disulfide	121		97		59-130	22		30
2-Butanone	100		103		70-130	3		30
Vinyl acetate	79		80		70-130	1		30
4-Methyl-2-pentanone	94		92		70-130	2		30
1,2,3-Trichloropropane	111		113		68-130	2		30
2-Hexanone	91		91		70-130	0		30
Bromochloromethane	101		100		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,10 Batch: WG1112692-3 WG1112692-4								
2,2-Dichloropropane	102		103		70-130	1		30
1,2-Dibromoethane	115		114		70-130	1		30
1,3-Dichloropropane	113		111		69-130	2		30
1,1,1,2-Tetrachloroethane	115		114		70-130	1		30
Bromobenzene	116		115		70-130	1		30
n-Butylbenzene	130		126		70-130	3		30
sec-Butylbenzene	130		127		70-130	2		30
tert-Butylbenzene	128		125		70-130	2		30
o-Chlorotoluene	104		101		70-130	3		30
p-Chlorotoluene	120		118		70-130	2		30
1,2-Dibromo-3-chloropropane	96		98		68-130	2		30
Hexachlorobutadiene	124		123		67-130	1		30
Isopropylbenzene	127		124		70-130	2		30
p-Isopropyltoluene	130		127		70-130	2		30
Naphthalene	111		113		70-130	2		30
Acrylonitrile	89		88		70-130	1		30
n-Propylbenzene	128		124		70-130	3		30
1,2,3-Trichlorobenzene	114		115		70-130	1		30
1,2,4-Trichlorobenzene	117		117		70-130	0		30
1,3,5-Trimethylbenzene	124		122		70-130	2		30
1,2,4-Trimethylbenzene	126		124		70-130	2		30
1,4-Dioxane	88		88		65-136	0		30
p-Diethylbenzene	129		126		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05,10 Batch: WG1112692-3 WG1112692-4								
p-Ethyltoluene	127		124		70-130	2		30
1,2,4,5-Tetramethylbenzene	124		123		70-130	1		30
Ethyl ether	92		92		67-130	0		30
trans-1,4-Dichloro-2-butene	98		103		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	111		110		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	94		95		70-130

SEMIVOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-01
 Client ID: SB-10 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:15
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 06:29
 Analyst: SZ
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	60	J	ug/kg	150	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	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	34.	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	3200		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	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	78	J	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	630		ug/kg	190	67.	1
Butyl benzyl phthalate	6600		ug/kg	190	48.	1
Di-n-butylphthalate	120	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-01
 Client ID: SB-10 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:15
 Date Received: 05/01/18
 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	1700		ug/kg	120	22.	1
Benzo(a)pyrene	1500		ug/kg	150	47.	1
Benzo(b)fluoranthene	2100		ug/kg	120	32.	1
Benzo(k)fluoranthene	770		ug/kg	120	31.	1
Chrysene	1800		ug/kg	120	20.	1
Acenaphthylene	480		ug/kg	150	30.	1
Anthracene	430		ug/kg	120	38.	1
Benzo(ghi)perylene	1100		ug/kg	150	23.	1
Fluorene	82	J	ug/kg	190	19.	1
Phenanthrene	1700		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	280		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	27.	1
Pyrene	2900		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	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	70	J	ug/kg	190	18.	1
2-Methylnaphthalene	26	J	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	36.	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	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	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: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-01

Date Collected: 05/01/18 08:15

Client ID: SB-10 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	180	J	ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	61		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-02
 Client ID: SB-2 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 06:56
 Analyst: SZ
 Percent Solids: 65%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	200	26.	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	29.	1
Hexachlorobenzene	ND		ug/kg	150	28.	1
Bis(2-chloroethyl)ether	ND		ug/kg	230	34.	1
2-Chloronaphthalene	ND		ug/kg	250	25.	1
1,2-Dichlorobenzene	ND		ug/kg	250	46.	1
1,3-Dichlorobenzene	ND		ug/kg	250	44.	1
1,4-Dichlorobenzene	ND		ug/kg	250	44.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	68.	1
2,4-Dinitrotoluene	ND		ug/kg	250	51.	1
2,6-Dinitrotoluene	ND		ug/kg	250	44.	1
Fluoranthene	620		ug/kg	150	29.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	39.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	43.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorobutadiene	ND		ug/kg	250	37.	1
Hexachlorocyclopentadiene	ND		ug/kg	730	230	1
Hexachloroethane	ND		ug/kg	200	41.	1
Isophorone	ND		ug/kg	230	33.	1
Naphthalene	ND		ug/kg	250	31.	1
Nitrobenzene	ND		ug/kg	230	38.	1
NDPA/DPA	ND		ug/kg	200	29.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	39.	1
Bis(2-ethylhexyl)phthalate	520		ug/kg	250	88.	1
Butyl benzyl phthalate	160	J	ug/kg	250	64.	1
Di-n-butylphthalate	90	J	ug/kg	250	48.	1
Di-n-octylphthalate	ND		ug/kg	250	86.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-02
 Client ID: SB-2 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:45
 Date Received: 05/01/18
 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	250	24.	1
Dimethyl phthalate	ND		ug/kg	250	53.	1
Benzo(a)anthracene	380		ug/kg	150	29.	1
Benzo(a)pyrene	370		ug/kg	200	62.	1
Benzo(b)fluoranthene	570		ug/kg	150	43.	1
Benzo(k)fluoranthene	190		ug/kg	150	41.	1
Chrysene	460		ug/kg	150	26.	1
Acenaphthylene	120	J	ug/kg	200	39.	1
Anthracene	93	J	ug/kg	150	50.	1
Benzo(ghi)perylene	270		ug/kg	200	30.	1
Fluorene	ND		ug/kg	250	25.	1
Phenanthrene	250		ug/kg	150	31.	1
Dibenzo(a,h)anthracene	64	J	ug/kg	150	29.	1
Indeno(1,2,3-cd)pyrene	270		ug/kg	200	35.	1
Pyrene	580		ug/kg	150	25.	1
Biphenyl	ND		ug/kg	580	59.	1
4-Chloroaniline	ND		ug/kg	250	46.	1
2-Nitroaniline	ND		ug/kg	250	49.	1
3-Nitroaniline	ND		ug/kg	250	48.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	ND		ug/kg	250	24.	1
2-Methylnaphthalene	ND		ug/kg	300	31.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	26.	1
Acetophenone	76	J	ug/kg	250	31.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	48.	1
p-Chloro-m-cresol	ND		ug/kg	250	38.	1
2-Chlorophenol	ND		ug/kg	250	30.	1
2,4-Dichlorophenol	ND		ug/kg	230	41.	1
2,4-Dimethylphenol	ND		ug/kg	250	84.	1
2-Nitrophenol	ND		ug/kg	550	96.	1
4-Nitrophenol	ND		ug/kg	360	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	660	120	1
Pentachlorophenol	ND		ug/kg	200	56.	1
Phenol	ND		ug/kg	250	38.	1
2-Methylphenol	ND		ug/kg	250	39.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	370	40.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-02**Date Collected:** 05/01/18 08:45**Client ID:** SB-2 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	250	49.	1
Benzoic Acid	ND		ug/kg	820	260	1
Benzyl Alcohol	ND		ug/kg	250	78.	1
Carbazole	52	J	ug/kg	250	25.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	53		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-03
 Client ID: SB-9 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 09:05
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 07:24
 Analyst: SZ
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	1400		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	50	J	ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	430		ug/kg	210	72.	1
Butyl benzyl phthalate	220		ug/kg	210	52.	1
Di-n-butylphthalate	60	J	ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-03
 Client ID: SB-9 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 09:05
 Date Received: 05/01/18
 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	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	840		ug/kg	120	23.	1
Benzo(a)pyrene	980		ug/kg	170	51.	1
Benzo(b)fluoranthene	1500		ug/kg	120	35.	1
Benzo(k)fluoranthene	580		ug/kg	120	33.	1
Chrysene	1000		ug/kg	120	22.	1
Acenaphthylene	600		ug/kg	170	32.	1
Anthracene	250		ug/kg	120	41.	1
Benzo(ghi)perylene	780		ug/kg	170	24.	1
Fluorene	52	J	ug/kg	210	20.	1
Phenanthrene	670		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	200		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	840		ug/kg	170	29.	1
Pyrene	1300		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	28	J	ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	26	J	ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	32	J	ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	72	J	ug/kg	300	33.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-03**Date Collected:** 05/01/18 09:05**Client ID:** SB-9 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	220		ug/kg	210	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	42		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-04
 Client ID: SB-1 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:00
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 07:52
 Analyst: SZ
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	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	5100		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	110	J	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	390		ug/kg	200	69.	1
Butyl benzyl phthalate	72	J	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: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-04
 Client ID: SB-1 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:00
 Date Received: 05/01/18
 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	3200		ug/kg	120	22.	1
Benzo(a)pyrene	2800		ug/kg	160	48.	1
Benzo(b)fluoranthene	4400		ug/kg	120	33.	1
Benzo(k)fluoranthene	1300		ug/kg	120	32.	1
Chrysene	3400		ug/kg	120	21.	1
Acenaphthylene	1300		ug/kg	160	31.	1
Anthracene	930		ug/kg	120	39.	1
Benzo(ghi)perylene	1600		ug/kg	160	23.	1
Fluorene	220		ug/kg	200	19.	1
Phenanthrene	3200		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	500		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	2000		ug/kg	160	28.	1
Pyrene	4300		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	140	J	ug/kg	200	19.	1
2-Methylnaphthalene	61	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	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	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	54	J	ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	80	J	ug/kg	290	31.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-04**Date Collected:** 05/01/18 10:00**Client ID:** SB-1 (0-2)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	470		ug/kg	200	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	62		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-05
 Client ID: SB-11 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 08:19
 Analyst: SZ
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 08:55

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	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	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	930		ug/kg	110	21.	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	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	46	J	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	130	J	ug/kg	190	64.	1
Butyl benzyl phthalate	280		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-05
 Client ID: SB-11 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:45
 Date Received: 05/01/18
 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	640		ug/kg	110	21.	1
Benzo(a)pyrene	690		ug/kg	150	45.	1
Benzo(b)fluoranthene	980		ug/kg	110	31.	1
Benzo(k)fluoranthene	300		ug/kg	110	30.	1
Chrysene	660		ug/kg	110	19.	1
Acenaphthylene	480		ug/kg	150	29.	1
Anthracene	230		ug/kg	110	36.	1
Benzo(ghi)perylene	640		ug/kg	150	22.	1
Fluorene	46	J	ug/kg	190	18.	1
Phenanthrene	430		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	540		ug/kg	150	26.	1
Pyrene	910		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	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	77.	1
Dibenzofuran	20	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	26	J	ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	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	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	32	J	ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	45	J	ug/kg	270	29.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-05
 Client ID: SB-11 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:45
 Date Received: 05/01/18
 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	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	100	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	67		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-06
 Client ID: SB-3 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 11:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 02:48
 Analyst: SZ
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 08:55

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	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	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	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	64.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-06
 Client ID: SB-3 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 11:30
 Date Received: 05/01/18
 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	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	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	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	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	63.	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: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-06**Date Collected:** 05/01/18 11:30**Client ID:** SB-3 (17-19)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	88		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-07
 Client ID: SB-10 (15-17)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 03:16
 Analyst: SZ
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 08:55

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	54	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	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	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: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-07
 Client ID: SB-10 (15-17)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45
 Date Received: 05/01/18
 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	37	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	49	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	36	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	28	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	23	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	28	J	ug/kg	140	25.	1
Pyrene	51	J	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	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	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	68.	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	470	88.	1
Pentachlorophenol	ND		ug/kg	140	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	28.	1

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-07
 Client ID: SB-10 (15-17)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45
 Date Received: 05/01/18
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	74		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-08
 Client ID: SB-4 (11-13)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 14:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 08:47
 Analyst: SZ
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	320		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	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	3800		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	120	J	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	66	J	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: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-08
 Client ID: SB-4 (11-13)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 14:30
 Date Received: 05/01/18
 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	2100		ug/kg	110	21.	1
Benzo(a)pyrene	1700		ug/kg	150	46.	1
Benzo(b)fluoranthene	2400		ug/kg	110	32.	1
Benzo(k)fluoranthene	840		ug/kg	110	30.	1
Chrysene	1900		ug/kg	110	20.	1
Acenaphthylene	310		ug/kg	150	29.	1
Anthracene	1000		ug/kg	110	37.	1
Benzo(ghi)perylene	1100		ug/kg	150	22.	1
Fluorene	260		ug/kg	190	18.	1
Phenanthrene	3600		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	310		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	150	26.	1
Pyrene	3400		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	280		ug/kg	190	18.	1
2-Methylnaphthalene	62	J	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	63.	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: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-08**Date Collected:** 05/01/18 14:30**Client ID:** SB-4 (11-13)**Date Received:** 05/01/18**Sample Location:** EAST HARLEM, NY**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	290		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	65		18-120

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/03/18 23:06
 Analyst: SZ

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 06:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1111684-1					
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	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	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	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	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
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: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/03/18 23:06
 Analyst: SZ

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 06:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1111684-1					
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	28.
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	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
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	62.

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/03/18 23:06
 Analyst: SZ

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 06:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1111684-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
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	240	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.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	101		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

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 Batch: WG1111684-2 WG1111684-3								
Acenaphthene	83		84		31-137	1		50
1,2,4-Trichlorobenzene	81		79		38-107	3		50
Hexachlorobenzene	94		94		40-140	0		50
Bis(2-chloroethyl)ether	88		85		40-140	3		50
2-Chloronaphthalene	84		84		40-140	0		50
1,2-Dichlorobenzene	80		78		40-140	3		50
1,3-Dichlorobenzene	78		75		40-140	4		50
1,4-Dichlorobenzene	78		75		28-104	4		50
3,3'-Dichlorobenzidine	74		77		40-140	4		50
2,4-Dinitrotoluene	111		116		40-132	4		50
2,6-Dinitrotoluene	109		110		40-140	1		50
Fluoranthene	85		88		40-140	3		50
4-Chlorophenyl phenyl ether	87		88		40-140	1		50
4-Bromophenyl phenyl ether	94		95		40-140	1		50
Bis(2-chloroisopropyl)ether	92		91		40-140	1		50
Bis(2-chloroethoxy)methane	88		86		40-117	2		50
Hexachlorobutadiene	81		80		40-140	1		50
Hexachlorocyclopentadiene	73		74		40-140	1		50
Hexachloroethane	83		80		40-140	4		50
Isophorone	92		89		40-140	3		50
Naphthalene	81		81		40-140	0		50
Nitrobenzene	100		99		40-140	1		50
NDPA/DPA	85		87		36-157	2		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

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 Batch: WG1111684-2 WG1111684-3								
n-Nitrosodi-n-propylamine	93		92		32-121	1		50
Bis(2-ethylhexyl)phthalate	96		97		40-140	1		50
Butyl benzyl phthalate	100		103		40-140	3		50
Di-n-butylphthalate	93		95		40-140	2		50
Di-n-octylphthalate	98		99		40-140	1		50
Diethyl phthalate	90		91		40-140	1		50
Dimethyl phthalate	85		88		40-140	3		50
Benzo(a)anthracene	85		85		40-140	0		50
Benzo(a)pyrene	91		91		40-140	0		50
Benzo(b)fluoranthene	89		91		40-140	2		50
Benzo(k)fluoranthene	92		93		40-140	1		50
Chrysene	84		86		40-140	2		50
Acenaphthylene	88		87		40-140	1		50
Anthracene	87		88		40-140	1		50
Benzo(ghi)perylene	88		88		40-140	0		50
Fluorene	86		85		40-140	1		50
Phenanthrene	85		87		40-140	2		50
Dibenzo(a,h)anthracene	90		88		40-140	2		50
Indeno(1,2,3-cd)pyrene	89		89		40-140	0		50
Pyrene	85		88		35-142	3		50
Biphenyl	86		84		54-104	2		50
4-Chloroaniline	47		49		40-140	4		50
2-Nitroaniline	111		113		47-134	2		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

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 Batch: WG1111684-2 WG1111684-3								
3-Nitroaniline	86		90		26-129	5		50
4-Nitroaniline	105		101		41-125	4		50
Dibenzofuran	84		85		40-140	1		50
2-Methylnaphthalene	83		83		40-140	0		50
1,2,4,5-Tetrachlorobenzene	85		85		40-117	0		50
Acetophenone	94		92		14-144	2		50
2,4,6-Trichlorophenol	92		91		30-130	1		50
p-Chloro-m-cresol	94		98		26-103	4		50
2-Chlorophenol	91		89		25-102	2		50
2,4-Dichlorophenol	90		88		30-130	2		50
2,4-Dimethylphenol	92		91		30-130	1		50
2-Nitrophenol	116		114		30-130	2		50
4-Nitrophenol	125	Q	130	Q	11-114	4		50
2,4-Dinitrophenol	73		79		4-130	8		50
4,6-Dinitro-o-cresol	109		114		10-130	4		50
Pentachlorophenol	80		85		17-109	6		50
Phenol	92	Q	91	Q	26-90	1		50
2-Methylphenol	93		92		30-130	1		50
3-Methylphenol/4-Methylphenol	94		92		30-130	2		50
2,4,5-Trichlorophenol	94		95		30-130	1		50
Benzoic Acid	10		16		10-110	46		50
Benzyl Alcohol	101		98		40-140	3		50
Carbazole	88		90		54-128	2		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1111684-2 WG1111684-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		88		25-120
Phenol-d6	92		91		10-120
Nitrobenzene-d5	102		99		23-120
2-Fluorobiphenyl	84		86		30-120
2,4,6-Tribromophenol	104		106		10-136
4-Terphenyl-d14	97		99		18-120

PCBS

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-01
Client ID: SB-10 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:15
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/18 22:01
Analyst: WR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 10:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	4.30	1	A
Aroclor 1221	ND		ug/kg	37.9	5.77	1	A
Aroclor 1232	ND		ug/kg	37.9	3.73	1	A
Aroclor 1242	ND		ug/kg	37.9	4.64	1	A
Aroclor 1248	ND		ug/kg	37.9	4.25	1	A
Aroclor 1254	ND		ug/kg	37.9	3.09	1	A
Aroclor 1260	ND		ug/kg	37.9	3.96	1	A
Aroclor 1262	ND		ug/kg	37.9	3.11	1	A
Aroclor 1268	ND		ug/kg	37.9	2.68	1	A
PCBs, Total	ND		ug/kg	37.9	2.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-02
Client ID: SB-2 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:45
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/18 22:14
Analyst: WR
Percent Solids: 65%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 10:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	5.73	1	A
Aroclor 1221	ND		ug/kg	50.5	7.68	1	A
Aroclor 1232	ND		ug/kg	50.5	4.97	1	A
Aroclor 1242	ND		ug/kg	50.5	6.18	1	A
Aroclor 1248	ND		ug/kg	50.5	5.66	1	A
Aroclor 1254	ND		ug/kg	50.5	4.12	1	A
Aroclor 1260	20.1	J	ug/kg	50.5	5.27	1	A
Aroclor 1262	ND		ug/kg	50.5	4.15	1	A
Aroclor 1268	ND		ug/kg	50.5	3.58	1	A
PCBs, Total	20.1	J	ug/kg	50.5	3.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-03
Client ID: SB-9 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 09:05
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/18 22:28
Analyst: WR
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 10:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.0	4.54	1	A
Aroclor 1221	ND		ug/kg	40.0	6.10	1	A
Aroclor 1232	ND		ug/kg	40.0	3.94	1	A
Aroclor 1242	ND		ug/kg	40.0	4.90	1	A
Aroclor 1248	ND		ug/kg	40.0	4.49	1	A
Aroclor 1254	56.6		ug/kg	40.0	3.27	1	B
Aroclor 1260	63.6		ug/kg	40.0	4.18	1	B
Aroclor 1262	ND		ug/kg	40.0	3.29	1	A
Aroclor 1268	26.1	J	ug/kg	40.0	2.84	1	A
PCBs, Total	146	J	ug/kg	40.0	2.84	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	118		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-04
Client ID: SB-1 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:00
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/18 22:41
Analyst: WR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 10:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	4.50	1	A
Aroclor 1221	ND		ug/kg	39.7	6.04	1	A
Aroclor 1232	ND		ug/kg	39.7	3.91	1	A
Aroclor 1242	ND		ug/kg	39.7	4.86	1	A
Aroclor 1248	ND		ug/kg	39.7	4.45	1	A
Aroclor 1254	142		ug/kg	39.7	3.24	1	A
Aroclor 1260	174		ug/kg	39.7	4.14	1	A
Aroclor 1262	ND		ug/kg	39.7	3.26	1	A
Aroclor 1268	38.8	J	ug/kg	39.7	2.81	1	B
PCBs, Total	355	J	ug/kg	39.7	2.81	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	138		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-05
Client ID: SB-11 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:45
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/18 22:55
Analyst: WR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 10:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	4.21	1	A
Aroclor 1221	ND		ug/kg	37.1	5.65	1	A
Aroclor 1232	ND		ug/kg	37.1	3.65	1	A
Aroclor 1242	ND		ug/kg	37.1	4.54	1	A
Aroclor 1248	ND		ug/kg	37.1	4.16	1	A
Aroclor 1254	11.1	J	ug/kg	37.1	3.03	1	B
Aroclor 1260	17.4	J	ug/kg	37.1	3.88	1	A
Aroclor 1262	ND		ug/kg	37.1	3.05	1	A
Aroclor 1268	8.28	J	ug/kg	37.1	2.63	1	A
PCBs, Total	36.8	J	ug/kg	37.1	2.63	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-06
Client ID: SB-3 (17-19)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 11:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/18 23:09
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 10:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	4.26	1	A
Aroclor 1221	ND		ug/kg	37.6	5.72	1	A
Aroclor 1232	ND		ug/kg	37.6	3.70	1	A
Aroclor 1242	ND		ug/kg	37.6	4.60	1	A
Aroclor 1248	ND		ug/kg	37.6	4.22	1	A
Aroclor 1254	ND		ug/kg	37.6	3.07	1	A
Aroclor 1260	ND		ug/kg	37.6	3.92	1	A
Aroclor 1262	ND		ug/kg	37.6	3.09	1	A
Aroclor 1268	ND		ug/kg	37.6	2.66	1	A
PCBs, Total	ND		ug/kg	37.6	2.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-07
Client ID: SB-10 (15-17)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/03/18 23:22
Analyst: WR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 10:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.6	4.04	1	A
Aroclor 1221	ND		ug/kg	35.6	5.42	1	A
Aroclor 1232	ND		ug/kg	35.6	3.50	1	A
Aroclor 1242	ND		ug/kg	35.6	4.36	1	A
Aroclor 1248	ND		ug/kg	35.6	4.00	1	A
Aroclor 1254	ND		ug/kg	35.6	2.91	1	A
Aroclor 1260	ND		ug/kg	35.6	3.72	1	A
Aroclor 1262	ND		ug/kg	35.6	2.93	1	A
Aroclor 1268	ND		ug/kg	35.6	2.52	1	A
PCBs, Total	ND		ug/kg	35.6	2.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-08
Client ID: SB-4 (11-13)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 14:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 00:53
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 10:00
Cleanup Method: EPA 3665A
Cleanup Date: 05/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.7	4.27	1	A
Aroclor 1221	ND		ug/kg	37.7	5.73	1	A
Aroclor 1232	ND		ug/kg	37.7	3.70	1	A
Aroclor 1242	ND		ug/kg	37.7	4.61	1	A
Aroclor 1248	ND		ug/kg	37.7	4.22	1	A
Aroclor 1254	36.2	J	ug/kg	37.7	3.07	1	A
Aroclor 1260	19.3	J	ug/kg	37.7	3.93	1	A
Aroclor 1262	ND		ug/kg	37.7	3.10	1	A
Aroclor 1268	ND		ug/kg	37.7	2.67	1	A
PCBs, Total	55.5	J	ug/kg	37.7	2.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/02/18 15:26
 Analyst: WR

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 10:00
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08 Batch: WG1111766-1						
Aroclor 1016	ND		ug/kg	31.6	3.59	A
Aroclor 1221	ND		ug/kg	31.6	4.81	A
Aroclor 1232	ND		ug/kg	31.6	3.11	A
Aroclor 1242	ND		ug/kg	31.6	3.87	A
Aroclor 1248	ND		ug/kg	31.6	3.55	A
Aroclor 1254	ND		ug/kg	31.6	2.58	A
Aroclor 1260	ND		ug/kg	31.6	3.30	A
Aroclor 1262	ND		ug/kg	31.6	2.60	A
Aroclor 1268	ND		ug/kg	31.6	2.24	A
PCBs, Total	ND		ug/kg	31.6	2.24	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	88		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

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 Batch: WG1111766-2 WG1111766-3									
Aroclor 1016	62		61		40-140	2		50	A
Aroclor 1260	57		54		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		89		30-150	A
Decachlorobiphenyl	67		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		96		30-150	B
Decachlorobiphenyl	81		86		30-150	B

PESTICIDES

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-01
Client ID: SB-10 (0-2)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:15
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/18 17:46
Analyst: SL
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 09:12
Cleanup Method: EPA 3620B
Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	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	1.81	0.688	1	A
Heptachlor	ND		ug/kg	0.907	0.407	1	A
Aldrin	ND		ug/kg	1.81	0.639	1	A
Heptachlor epoxide	7.98		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	1.81	0.467	1	A
Dieldrin	208	E	ug/kg	1.13	0.567	1	A
4,4'-DDE	29.9		ug/kg	1.81	0.420	1	B
4,4'-DDD	4.91	PI	ug/kg	1.81	0.647	1	A
4,4'-DDT	290	E	ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.429	1	A
Endosulfan II	2.38	PI	ug/kg	1.81	0.606	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	39.1	PI	ug/kg	2.27	0.632	1	B
trans-Chlordane	45.4		ug/kg	2.27	0.599	1	B
Chlordane	ND		ug/kg	14.7	6.01	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-01

Date Collected: 05/01/18 08:15

Client ID: SB-10 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	118		30-150	B
Decachlorobiphenyl	128		30-150	B
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	128		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-01 D
 Client ID: SB-10 (0-2)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 08:15
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 16:21
 Analyst: SL
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 09:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	197		ug/kg	2.27	1.13	2	B
4,4'-DDT	259		ug/kg	6.81	2.92	2	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-02 D

Date Collected: 05/01/18 08:45

Client ID: SB-2 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 05/02/18 09:12

Analytical Date: 05/03/18 17:59

Cleanup Method: EPA 3620B

Analyst: SL

Cleanup Date: 05/03/18

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	11.7	2.29	5	A
Lindane	ND		ug/kg	4.86	2.17	5	A
Alpha-BHC	ND		ug/kg	4.86	1.38	5	A
Beta-BHC	ND		ug/kg	11.7	4.43	5	A
Heptachlor	ND		ug/kg	5.84	2.62	5	A
Aldrin	ND		ug/kg	11.7	4.11	5	A
Heptachlor epoxide	9.22	J	ug/kg	21.9	6.57	5	A
Endrin	ND		ug/kg	4.86	1.99	5	A
Endrin aldehyde	ND		ug/kg	14.6	5.11	5	A
Endrin ketone	ND		ug/kg	11.7	3.01	5	A
Dieldrin	23.3		ug/kg	7.30	3.65	5	B
4,4'-DDE	18.2		ug/kg	11.7	2.70	5	B
4,4'-DDD	5.77	J	ug/kg	11.7	4.16	5	A
4,4'-DDT	60.6		ug/kg	21.9	9.39	5	B
Endosulfan I	ND		ug/kg	11.7	2.76	5	A
Endosulfan II	ND		ug/kg	11.7	3.90	5	A
Endosulfan sulfate	6.96	P	ug/kg	4.86	2.32	5	B
Methoxychlor	ND		ug/kg	21.9	6.81	5	A
Toxaphene	ND		ug/kg	219	61.3	5	A
cis-Chlordane	8.82	JPI	ug/kg	14.6	4.07	5	A
trans-Chlordane	8.31	J	ug/kg	14.6	3.85	5	B
Chlordane	ND		ug/kg	94.8	38.7	5	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-02 D

Date Collected: 05/01/18 08:45

Client ID: SB-2 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	107		30-150	B
Decachlorobiphenyl	89		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	117		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-03 D

Date Collected: 05/01/18 09:05

Client ID: SB-9 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 05/02/18 09:12

Analytical Date: 05/03/18 18:12

Cleanup Method: EPA 3620B

Analyst: SL

Cleanup Date: 05/03/18

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.92	1.94	5	A
Lindane	ND		ug/kg	4.13	1.85	5	A
Alpha-BHC	ND		ug/kg	4.13	1.17	5	A
Beta-BHC	ND		ug/kg	9.92	3.76	5	A
Heptachlor	ND		ug/kg	4.96	2.22	5	A
Aldrin	ND		ug/kg	9.92	3.49	5	A
Heptachlor epoxide	7.33	J	ug/kg	18.6	5.58	5	A
Endrin	ND		ug/kg	4.13	1.69	5	A
Endrin aldehyde	ND		ug/kg	12.4	4.34	5	A
Endrin ketone	ND		ug/kg	9.92	2.55	5	A
Dieldrin	84.5		ug/kg	6.20	3.10	5	A
4,4'-DDE	46.2		ug/kg	9.92	2.29	5	B
4,4'-DDD	81.5		ug/kg	9.92	3.54	5	B
4,4'-DDT	340		ug/kg	18.6	7.97	5	A
Endosulfan I	ND		ug/kg	9.92	2.34	5	A
Endosulfan II	7.48	JPI	ug/kg	9.92	3.31	5	A
Endosulfan sulfate	ND		ug/kg	4.13	1.97	5	A
Methoxychlor	ND		ug/kg	18.6	5.78	5	A
Toxaphene	ND		ug/kg	186	52.0	5	A
cis-Chlordane	69.4		ug/kg	12.4	3.45	5	A
trans-Chlordane	71.8	PI	ug/kg	12.4	3.27	5	A
Chlordane	ND		ug/kg	80.6	32.8	5	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-03 D

Date Collected: 05/01/18 09:05

Client ID: SB-9 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	97		30-150	B
Decachlorobiphenyl	116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	141		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-04 D

Date Collected: 05/01/18 10:00

Client ID: SB-1 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 05/02/18 09:12

Analytical Date: 05/03/18 18:25

Cleanup Method: EPA 3620B

Analyst: SL

Cleanup Date: 05/03/18

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	9.51	1.86	5	A
Lindane	ND		ug/kg	3.96	1.77	5	A
Alpha-BHC	ND		ug/kg	3.96	1.12	5	A
Beta-BHC	ND		ug/kg	9.51	3.61	5	A
Heptachlor	ND		ug/kg	4.76	2.13	5	A
Aldrin	ND		ug/kg	9.51	3.35	5	A
Heptachlor epoxide	6.61	J	ug/kg	17.8	5.35	5	A
Endrin	ND		ug/kg	3.96	1.62	5	A
Endrin aldehyde	ND		ug/kg	11.9	4.16	5	A
Endrin ketone	ND		ug/kg	9.51	2.45	5	A
Dieldrin	33.3		ug/kg	5.95	2.97	5	A
4,4'-DDE	29.6		ug/kg	9.51	2.20	5	B
4,4'-DDD	ND		ug/kg	9.51	3.39	5	A
4,4'-DDT	235		ug/kg	17.8	7.65	5	A
Endosulfan I	ND		ug/kg	9.51	2.25	5	A
Endosulfan II	5.22	JPI	ug/kg	9.51	3.18	5	A
Endosulfan sulfate	ND		ug/kg	3.96	1.89	5	A
Methoxychlor	ND		ug/kg	17.8	5.55	5	A
Toxaphene	ND		ug/kg	178	50.0	5	A
cis-Chlordane	42.1		ug/kg	11.9	3.31	5	B
trans-Chlordane	40.6	P	ug/kg	11.9	3.14	5	A
Chlordane	ND		ug/kg	77.3	31.5	5	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-04 D

Date Collected: 05/01/18 10:00

Client ID: SB-1 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	98		30-150	B
Decachlorobiphenyl	142		30-150	B
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	177	Q	30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-05 D

Date Collected: 05/01/18 10:45

Client ID: SB-11 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 05/02/18 09:12

Analytical Date: 05/03/18 18:37

Cleanup Method: EPA 3620B

Analyst: SL

Cleanup Date: 05/03/18

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	8.89	1.74	5	A
Lindane	ND		ug/kg	3.70	1.66	5	A
Alpha-BHC	ND		ug/kg	3.70	1.05	5	A
Beta-BHC	ND		ug/kg	8.89	3.37	5	A
Heptachlor	ND		ug/kg	4.45	1.99	5	A
Aldrin	ND		ug/kg	8.89	3.13	5	A
Heptachlor epoxide	ND		ug/kg	16.7	5.00	5	A
Endrin	ND		ug/kg	3.70	1.52	5	A
Endrin aldehyde	ND		ug/kg	11.1	3.89	5	A
Endrin ketone	ND		ug/kg	8.89	2.29	5	A
Dieldrin	ND		ug/kg	5.56	2.78	5	A
4,4'-DDE	4.23	JPI	ug/kg	8.89	2.06	5	A
4,4'-DDD	ND		ug/kg	8.89	3.17	5	A
4,4'-DDT	80.7		ug/kg	16.7	7.15	5	A
Endosulfan I	ND		ug/kg	8.89	2.10	5	A
Endosulfan II	5.14	J	ug/kg	8.89	2.97	5	B
Endosulfan sulfate	ND		ug/kg	3.70	1.76	5	A
Methoxychlor	ND		ug/kg	16.7	5.19	5	A
Toxaphene	ND		ug/kg	167	46.7	5	A
cis-Chlordane	15.6		ug/kg	11.1	3.10	5	A
trans-Chlordane	5.70	JPI	ug/kg	11.1	2.93	5	A
Chlordane	ND		ug/kg	72.2	29.4	5	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-05 D

Date Collected: 05/01/18 10:45

Client ID: SB-11 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	121		30-150	B
Decachlorobiphenyl	167	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	107		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-06
 Client ID: SB-3 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 11:30
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/03/18 18:50
 Analyst: SL
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 09:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/03/18

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	0.736	0.329	1	A
Alpha-BHC	ND		ug/kg	0.736	0.209	1	A
Beta-BHC	ND		ug/kg	1.77	0.670	1	A
Heptachlor	ND		ug/kg	0.883	0.396	1	A
Aldrin	ND		ug/kg	1.77	0.622	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.994	1	A
Endrin	ND		ug/kg	0.736	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.773	1	A
Endrin ketone	ND		ug/kg	1.77	0.455	1	A
Dieldrin	ND		ug/kg	1.10	0.552	1	A
4,4'-DDE	ND		ug/kg	1.77	0.408	1	A
4,4'-DDD	ND		ug/kg	1.77	0.630	1	A
4,4'-DDT	ND		ug/kg	3.31	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.417	1	A
Endosulfan II	ND		ug/kg	1.77	0.590	1	A
Endosulfan sulfate	ND		ug/kg	0.736	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.27	1	A
cis-Chlordane	ND		ug/kg	2.21	0.615	1	A
trans-Chlordane	ND		ug/kg	2.21	0.583	1	A
Chlordane	ND		ug/kg	14.4	5.85	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-06

Date Collected: 05/01/18 11:30

Client ID: SB-3 (17-19)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	124		30-150	B
Decachlorobiphenyl	114		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	117		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-07
 Client ID: SB-10 (15-17)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45
 Date Received: 05/01/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/03/18 19:03
 Analyst: SL
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 09:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.336	1	A
Lindane	ND		ug/kg	0.714	0.319	1	A
Alpha-BHC	ND		ug/kg	0.714	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.650	1	A
Heptachlor	ND		ug/kg	0.857	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.964	1	A
Endrin	ND		ug/kg	0.714	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.750	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	0.863	J	ug/kg	1.07	0.536	1	A
4,4'-DDE	1.45	J	ug/kg	1.71	0.396	1	B
4,4'-DDD	ND		ug/kg	1.71	0.611	1	B
4,4'-DDT	7.79		ug/kg	3.21	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.405	1	A
Endosulfan II	ND		ug/kg	1.71	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.714	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	1.00	1	A
Toxaphene	ND		ug/kg	32.1	9.00	1	A
cis-Chlordane	1.42	J	ug/kg	2.14	0.597	1	B
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	13.9	5.68	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-07

Date Collected: 05/01/18 12:45

Client ID: SB-10 (15-17)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	130		30-150	B
Decachlorobiphenyl	129		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	135		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-08
Client ID: SB-4 (11-13)
Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 14:30
Date Received: 05/01/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/03/18 19:28
Analyst: SL
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/02/18 09:16
Cleanup Method: EPA 3620B
Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	0.557	JPI	ug/kg	0.885	0.397	1	B
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	1.55	JPI	ug/kg	3.32	0.996	1	B
Endrin	ND		ug/kg	0.738	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	95.8		ug/kg	1.11	0.553	1	A
4,4'-DDE	68.7		ug/kg	1.77	0.409	1	A
4,4'-DDD	13.9		ug/kg	1.77	0.632	1	B
4,4'-DDT	346	E	ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	1.71	J	ug/kg	1.77	0.592	1	B
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	36.8		ug/kg	2.21	0.617	1	A
trans-Chlordane	34.2	PI	ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.4	5.86	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-08

Date Collected: 05/01/18 14:30

Client ID: SB-4 (11-13)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	115		30-150	B
Decachlorobiphenyl	115		30-150	B
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	141		30-150	A

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-08 D

Date Collected: 05/01/18 14:30

Client ID: SB-4 (11-13)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8081B

Extraction Date: 05/02/18 09:16

Analytical Date: 05/07/18 16:33

Cleanup Method: EPA 3620B

Analyst: SL

Cleanup Date: 05/03/18

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	318		ug/kg	16.6	7.12	5	A

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/02/18 09:31
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 02:27
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1111643-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.645	0.288	A
Alpha-BHC	ND		ug/kg	0.645	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.587	A
Heptachlor	ND		ug/kg	0.774	0.347	A
Aldrin	ND		ug/kg	1.55	0.545	A
Heptachlor epoxide	ND		ug/kg	2.90	0.871	A
Endrin	ND		ug/kg	0.645	0.264	A
Endrin aldehyde	ND		ug/kg	1.94	0.677	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.968	0.484	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	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.517	A
Endosulfan sulfate	ND		ug/kg	0.645	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.903	A
Toxaphene	ND		ug/kg	29.0	8.13	A
cis-Chlordane	ND		ug/kg	1.94	0.539	A
trans-Chlordane	ND		ug/kg	1.94	0.511	A
Chlordane	ND		ug/kg	12.6	5.13	A

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/02/18 09:31
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 02:27
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08 Batch: WG1111643-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	118		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	114		30-150	A

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/02/18 16:27
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1111653-1						
Delta-BHC	ND		ug/kg	1.58	0.309	A
Lindane	ND		ug/kg	0.658	0.294	A
Alpha-BHC	ND		ug/kg	0.658	0.187	A
Beta-BHC	ND		ug/kg	1.58	0.599	A
Heptachlor	ND		ug/kg	0.790	0.354	A
Aldrin	ND		ug/kg	1.58	0.556	A
Heptachlor epoxide	ND		ug/kg	2.96	0.889	A
Endrin	ND		ug/kg	0.658	0.270	A
Endrin aldehyde	ND		ug/kg	1.97	0.691	A
Endrin ketone	ND		ug/kg	1.58	0.407	A
Dieldrin	ND		ug/kg	0.987	0.494	A
4,4'-DDE	ND		ug/kg	1.58	0.365	A
4,4'-DDD	ND		ug/kg	1.58	0.564	A
4,4'-DDT	ND		ug/kg	2.96	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.373	A
Endosulfan II	ND		ug/kg	1.58	0.528	A
Endosulfan sulfate	ND		ug/kg	0.658	0.313	A
Methoxychlor	ND		ug/kg	2.96	0.922	A
Toxaphene	ND		ug/kg	29.6	8.29	A
cis-Chlordane	ND		ug/kg	1.97	0.550	A
trans-Chlordane	ND		ug/kg	1.97	0.521	A
Chlordane	ND		ug/kg	12.8	5.23	A

Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/02/18 16:27
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 03:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-07 Batch: WG1111653-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	113		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	116		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1111643-2 WG1111643-3									
Delta-BHC	105		104		30-150	1		30	A
Lindane	94		94		30-150	0		30	A
Alpha-BHC	99		98		30-150	1		30	A
Beta-BHC	106		107		30-150	1		30	A
Heptachlor	96		94		30-150	2		30	A
Aldrin	92		90		30-150	2		30	A
Heptachlor epoxide	99		96		30-150	3		30	A
Endrin	103		100		30-150	3		30	A
Endrin aldehyde	89		91		30-150	2		30	A
Endrin ketone	97		91		30-150	6		30	A
Dieldrin	100		96		30-150	4		30	A
4,4'-DDE	91		87		30-150	4		30	A
4,4'-DDD	90		89		30-150	1		30	A
4,4'-DDT	95		92		30-150	3		30	A
Endosulfan I	88		87		30-150	1		30	A
Endosulfan II	90		89		30-150	1		30	A
Endosulfan sulfate	84		83		30-150	1		30	A
Methoxychlor	101		100		30-150	1		30	A
cis-Chlordane	82		79		30-150	4		30	A
trans-Chlordane	82		90		30-150	9		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08 Batch: WG1111643-2 WG1111643-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		105		30-150	B
Decachlorobiphenyl	113		107		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		82		30-150	A
Decachlorobiphenyl	112		106		30-150	A

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1111653-2 WG1111653-3									
Delta-BHC	107		117		30-150	9		30	A
Lindane	95		102		30-150	7		30	A
Alpha-BHC	100		107		30-150	7		30	A
Beta-BHC	125		126		30-150	1		30	A
Heptachlor	91		97		30-150	6		30	A
Aldrin	94		101		30-150	7		30	A
Heptachlor epoxide	92		105		30-150	13		30	A
Endrin	104		117		30-150	12		30	A
Endrin aldehyde	82		91		30-150	10		30	A
Endrin ketone	90		101		30-150	12		30	A
Dieldrin	101		112		30-150	10		30	A
4,4'-DDE	92		100		30-150	8		30	A
4,4'-DDD	92		97		30-150	5		30	A
4,4'-DDT	94		104		30-150	10		30	A
Endosulfan I	88		97		30-150	10		30	A
Endosulfan II	90		97		30-150	7		30	A
Endosulfan sulfate	88		88		30-150	0		30	A
Methoxychlor	101		109		30-150	8		30	A
cis-Chlordane	81		83		30-150	2		30	A
trans-Chlordane	67		75		30-150	11		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG1111653-2 WG1111653-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		106		30-150	B
Decachlorobiphenyl	102		116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		84		30-150	A
Decachlorobiphenyl	110		116		30-150	A

METALS

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-01

Date Collected: 05/01/18 08:15

Client ID: SB-10 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6230		mg/kg	8.95	2.42	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Antimony, Total	0.698	J	mg/kg	4.47	0.340	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Arsenic, Total	4.98		mg/kg	0.895	0.186	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Barium, Total	677		mg/kg	0.895	0.156	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Beryllium, Total	0.242	J	mg/kg	0.447	0.030	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Cadmium, Total	1.21		mg/kg	0.895	0.088	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Calcium, Total	41000		mg/kg	8.95	3.13	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Chromium, Total	13.0		mg/kg	0.895	0.086	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Cobalt, Total	4.41		mg/kg	1.79	0.148	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Copper, Total	98.4		mg/kg	0.895	0.231	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Iron, Total	8890		mg/kg	4.47	0.808	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Lead, Total	405		mg/kg	4.47	0.240	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Magnesium, Total	3890		mg/kg	8.95	1.38	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Manganese, Total	269		mg/kg	0.895	0.142	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Mercury, Total	0.367		mg/kg	0.073	0.016	1	05/03/18 07:30	05/03/18 17:28	EPA 7471B	1,7471B	EA
Nickel, Total	9.15		mg/kg	2.24	0.216	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Potassium, Total	757		mg/kg	224	12.9	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Selenium, Total	0.286	J	mg/kg	1.79	0.231	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.895	0.253	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Sodium, Total	459		mg/kg	179	2.82	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.79	0.282	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Vanadium, Total	18.1		mg/kg	0.895	0.182	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB
Zinc, Total	626		mg/kg	4.47	0.262	2	05/02/18 21:37	05/03/18 14:46	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-02

Date Collected: 05/01/18 08:45

Client ID: SB-2 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3350		mg/kg	12.0	3.23	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Antimony, Total	0.455	J	mg/kg	5.98	0.455	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Arsenic, Total	5.84		mg/kg	1.20	0.249	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Barium, Total	131		mg/kg	1.20	0.208	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Beryllium, Total	0.144	J	mg/kg	0.598	0.040	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Cadmium, Total	0.706	J	mg/kg	1.20	0.117	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Calcium, Total	17800		mg/kg	12.0	4.19	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Chromium, Total	12.8		mg/kg	1.20	0.115	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Cobalt, Total	3.19		mg/kg	2.39	0.198	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Copper, Total	45.7		mg/kg	1.20	0.309	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Iron, Total	9000		mg/kg	5.98	1.08	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Lead, Total	71.7		mg/kg	5.98	0.321	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Magnesium, Total	5180		mg/kg	12.0	1.84	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Manganese, Total	199		mg/kg	1.20	0.190	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Mercury, Total	0.115		mg/kg	0.098	0.021	1	05/03/18 07:30	05/03/18 17:48	EPA 7471B	1,7471B	EA
Nickel, Total	7.92		mg/kg	2.99	0.290	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Potassium, Total	1060		mg/kg	299	17.2	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Selenium, Total	1.05	J	mg/kg	2.39	0.309	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.20	0.338	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Sodium, Total	137	J	mg/kg	239	3.77	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.39	0.377	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Vanadium, Total	12.8		mg/kg	1.20	0.243	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB
Zinc, Total	191		mg/kg	5.98	0.350	2	05/02/18 21:37	05/03/18 14:51	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-03

Date Collected: 05/01/18 09:05

Client ID: SB-9 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3320		mg/kg	9.93	2.68	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Antimony, Total	0.814	J	mg/kg	4.96	0.377	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Arsenic, Total	5.29		mg/kg	0.993	0.206	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Barium, Total	481		mg/kg	0.993	0.173	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Beryllium, Total	0.129	J	mg/kg	0.496	0.033	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Cadmium, Total	0.854	J	mg/kg	0.993	0.097	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Calcium, Total	39100		mg/kg	9.93	3.47	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Chromium, Total	13.1		mg/kg	0.993	0.095	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Cobalt, Total	3.29		mg/kg	1.98	0.165	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Copper, Total	17.0		mg/kg	0.993	0.256	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Iron, Total	8530		mg/kg	4.96	0.896	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Lead, Total	359		mg/kg	4.96	0.266	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Magnesium, Total	2040		mg/kg	9.93	1.53	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Manganese, Total	176		mg/kg	0.993	0.158	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Mercury, Total	0.790		mg/kg	0.081	0.017	1	05/03/18 07:30	05/03/18 17:50	EPA 7471B	1,7471B	EA
Nickel, Total	5.90		mg/kg	2.48	0.240	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Potassium, Total	431		mg/kg	248	14.3	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Selenium, Total	0.457	J	mg/kg	1.98	0.256	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.993	0.281	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Sodium, Total	265		mg/kg	198	3.13	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.98	0.313	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Vanadium, Total	12.3		mg/kg	0.993	0.202	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB
Zinc, Total	622		mg/kg	4.96	0.291	2	05/02/18 21:37	05/03/18 14:55	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-04

Date Collected: 05/01/18 10:00

Client ID: SB-1 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	4430		mg/kg	9.15	2.47	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Antimony, Total	7.07		mg/kg	4.57	0.348	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Arsenic, Total	5.40		mg/kg	0.915	0.190	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Barium, Total	403		mg/kg	0.915	0.159	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Beryllium, Total	0.201	J	mg/kg	0.457	0.030	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Cadmium, Total	1.40		mg/kg	0.915	0.090	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Calcium, Total	14600		mg/kg	9.15	3.20	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Chromium, Total	17.4		mg/kg	0.915	0.088	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Cobalt, Total	3.99		mg/kg	1.83	0.152	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Copper, Total	5060		mg/kg	0.915	0.236	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Iron, Total	15200		mg/kg	4.57	0.826	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Lead, Total	458		mg/kg	4.57	0.245	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Magnesium, Total	2670		mg/kg	9.15	1.41	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Manganese, Total	222		mg/kg	0.915	0.145	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Mercury, Total	0.259		mg/kg	0.077	0.016	1	05/03/18 07:30	05/03/18 17:52	EPA 7471B	1,7471B	EA
Nickel, Total	14.9		mg/kg	2.29	0.221	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Potassium, Total	422		mg/kg	229	13.2	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Selenium, Total	0.485	J	mg/kg	1.83	0.236	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Silver, Total	0.540	J	mg/kg	0.915	0.259	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Sodium, Total	128	J	mg/kg	183	2.88	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.83	0.288	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Vanadium, Total	17.9		mg/kg	0.915	0.186	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB
Zinc, Total	436		mg/kg	4.57	0.268	2	05/02/18 21:37	05/03/18 15:00	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-05

Date Collected: 05/01/18 10:45

Client ID: SB-11 (0-2)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	4400		mg/kg	8.61	2.32	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Antimony, Total	0.999	J	mg/kg	4.30	0.327	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Arsenic, Total	3.80		mg/kg	0.861	0.179	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Barium, Total	281		mg/kg	0.861	0.150	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Beryllium, Total	0.241	J	mg/kg	0.430	0.028	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Cadmium, Total	0.723	J	mg/kg	0.861	0.084	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Calcium, Total	14500		mg/kg	8.61	3.01	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Chromium, Total	11.2		mg/kg	0.861	0.083	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Cobalt, Total	4.16		mg/kg	1.72	0.143	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Copper, Total	28.4		mg/kg	0.861	0.222	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Iron, Total	8830		mg/kg	4.30	0.777	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Lead, Total	165		mg/kg	4.30	0.231	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Magnesium, Total	3060		mg/kg	8.61	1.32	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Manganese, Total	265		mg/kg	0.861	0.137	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Mercury, Total	0.298		mg/kg	0.072	0.015	1	05/03/18 07:30	05/03/18 17:54	EPA 7471B	1,7471B	EA
Nickel, Total	10.4		mg/kg	2.15	0.208	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Potassium, Total	540		mg/kg	215	12.4	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Selenium, Total	0.482	J	mg/kg	1.72	0.222	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.861	0.244	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Sodium, Total	128	J	mg/kg	172	2.71	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Vanadium, Total	17.3		mg/kg	0.861	0.175	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB
Zinc, Total	274		mg/kg	4.30	0.252	2	05/02/18 21:37	05/03/18 15:04	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-06

Date Collected: 05/01/18 11:30

Client ID: SB-3 (17-19)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	2280		mg/kg	9.04	2.44	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.52	0.344	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Arsenic, Total	0.570	J	mg/kg	0.904	0.188	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Barium, Total	16.4		mg/kg	0.904	0.157	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Beryllium, Total	0.163	J	mg/kg	0.452	0.030	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.904	0.089	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Calcium, Total	343		mg/kg	9.04	3.16	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Chromium, Total	7.04		mg/kg	0.904	0.087	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Cobalt, Total	2.04		mg/kg	1.81	0.150	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Copper, Total	8.98		mg/kg	0.904	0.233	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Iron, Total	4990		mg/kg	4.52	0.817	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Lead, Total	1.74	J	mg/kg	4.52	0.242	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Magnesium, Total	854		mg/kg	9.04	1.39	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Manganese, Total	144		mg/kg	0.904	0.144	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.073	0.015	1	05/03/18 07:30	05/03/18 17:56	EPA 7471B	1,7471B	EA
Nickel, Total	3.70		mg/kg	2.26	0.219	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Potassium, Total	247		mg/kg	226	13.0	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.81	0.233	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.904	0.256	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Sodium, Total	47.4	J	mg/kg	181	2.85	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.81	0.285	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Vanadium, Total	7.04		mg/kg	0.904	0.184	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB
Zinc, Total	6.66		mg/kg	4.52	0.265	2	05/02/18 21:37	05/03/18 15:27	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**SAMPLE RESULTS**

Lab ID: L1815425-07

Date Collected: 05/01/18 12:45

Client ID: SB-10 (15-17)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5210		mg/kg	8.82	2.38	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.41	0.335	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Arsenic, Total	1.45		mg/kg	0.882	0.183	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Barium, Total	32.8		mg/kg	0.882	0.153	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Beryllium, Total	0.344	J	mg/kg	0.441	0.029	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Cadmium, Total	0.176	J	mg/kg	0.882	0.086	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Calcium, Total	2000		mg/kg	8.82	3.08	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Chromium, Total	14.8		mg/kg	0.882	0.085	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Cobalt, Total	5.53		mg/kg	1.76	0.146	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Copper, Total	30.0		mg/kg	0.882	0.227	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Iron, Total	12000		mg/kg	4.41	0.796	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Lead, Total	3.51	J	mg/kg	4.41	0.236	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Magnesium, Total	3310		mg/kg	8.82	1.36	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Manganese, Total	129		mg/kg	0.882	0.140	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.071	0.015	1	05/03/18 07:30	05/03/18 17:57	EPA 7471B	1,7471B	EA
Nickel, Total	19.8		mg/kg	2.20	0.213	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Potassium, Total	655		mg/kg	220	12.7	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.76	0.227	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.882	0.250	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Sodium, Total	183		mg/kg	176	2.78	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.76	0.278	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Vanadium, Total	32.0		mg/kg	0.882	0.179	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB
Zinc, Total	24.8		mg/kg	4.41	0.258	2	05/02/18 21:37	05/03/18 15:32	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-08

Date Collected: 05/01/18 14:30

Client ID: SB-4 (11-13)

Date Received: 05/01/18

Sample Location: EAST HARLEM, NY

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	5470		mg/kg	8.92	2.41	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.46	0.339	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Arsenic, Total	2.80		mg/kg	0.892	0.186	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Barium, Total	439		mg/kg	0.892	0.155	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Beryllium, Total	0.286	J	mg/kg	0.446	0.029	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Cadmium, Total	0.526	J	mg/kg	0.892	0.087	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Calcium, Total	25900		mg/kg	8.92	3.12	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Chromium, Total	13.8		mg/kg	0.892	0.086	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Cobalt, Total	5.22		mg/kg	1.78	0.148	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Copper, Total	20.7		mg/kg	0.892	0.230	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Iron, Total	11400		mg/kg	4.46	0.806	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Lead, Total	79.4		mg/kg	4.46	0.239	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Magnesium, Total	3700		mg/kg	8.92	1.37	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Manganese, Total	231		mg/kg	0.892	0.142	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Mercury, Total	0.187		mg/kg	0.072	0.015	1	05/03/18 07:30	05/03/18 17:59	EPA 7471B	1,7471B	EA
Nickel, Total	8.89		mg/kg	2.23	0.216	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Potassium, Total	1090		mg/kg	223	12.8	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Selenium, Total	0.303	J	mg/kg	1.78	0.230	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.892	0.252	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Sodium, Total	197		mg/kg	178	2.81	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.78	0.281	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Vanadium, Total	18.4		mg/kg	0.892	0.181	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB
Zinc, Total	293		mg/kg	4.46	0.261	2	05/02/18 21:37	05/03/18 15:36	EPA 3050B	1,6010C	AB



Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

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 Batch: WG1111987-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Barium, Total	ND		mg/kg	0.400	0.070	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Calcium, Total	1.72	J	mg/kg	4.00	1.40	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Copper, Total	ND		mg/kg	0.400	0.103	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Iron, Total	10.9		mg/kg	2.00	0.361	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Lead, Total	ND		mg/kg	2.00	0.107	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Manganese, Total	0.220	J	mg/kg	0.400	0.064	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Potassium, Total	ND		mg/kg	100	5.76	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Silver, Total	ND		mg/kg	0.400	0.113	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Sodium, Total	5.70	J	mg/kg	80.0	1.26	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/02/18 21:37	05/03/18 13:34	1,6010C	PE

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): 01-08 Batch: WG1112075-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	05/03/18 07:30	05/03/18 17:24	1,7471B	EA



Project Name: SENDERO VERDE

Lab Number: L1815425

Project Number: 2984.0001Y000

Report Date: 05/07/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1111987-2 SRM Lot Number: D098-540								
Aluminum, Total	65		-		47-153	-		
Antimony, Total	170		-		6-194	-		
Arsenic, Total	103		-		83-117	-		
Barium, Total	84		-		82-118	-		
Beryllium, Total	91		-		83-117	-		
Cadmium, Total	98		-		82-117	-		
Calcium, Total	84		-		81-118	-		
Chromium, Total	91		-		83-119	-		
Cobalt, Total	97		-		84-116	-		
Copper, Total	91		-		84-116	-		
Iron, Total	79		-		60-140	-		
Lead, Total	96		-		82-117	-		
Magnesium, Total	81		-		76-124	-		
Manganese, Total	82		-		82-118	-		
Nickel, Total	97		-		82-117	-		
Potassium, Total	79		-		69-131	-		
Selenium, Total	101		-		78-121	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	90		-		74-126	-		
Thallium, Total	100		-		80-119	-		
Vanadium, Total	90		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1111987-2 SRM Lot Number: D098-540					
Zinc, Total	98	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1112075-2 SRM Lot Number: D098-540					
Mercury, Total	91	-	50-149	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

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			QC Batch ID: WG1111987-3			QC Sample: L1815370-01			Client ID: MS Sample			
Aluminum, Total	5620	186	7610	1070	Q	-	-		75-125	-		20
Antimony, Total	ND	46.6	41.9	90		-	-		75-125	-		20
Arsenic, Total	6.35	11.2	18.4	108		-	-		75-125	-		20
Barium, Total	60.3	186	238	95		-	-		75-125	-		20
Beryllium, Total	0.206J	4.66	4.78	102		-	-		75-125	-		20
Cadmium, Total	0.286J	4.75	4.78	100		-	-		75-125	-		20
Calcium, Total	2130	932	2880	80		-	-		75-125	-		20
Chromium, Total	7.13	18.6	26.2	102		-	-		75-125	-		20
Cobalt, Total	2.68	46.6	44.2	89		-	-		75-125	-		20
Copper, Total	11.3	23.3	33.5	95		-	-		75-125	-		20
Iron, Total	10900	93.2	9440	0	Q	-	-		75-125	-		20
Lead, Total	36.5	47.5	76.3	84		-	-		75-125	-		20
Magnesium, Total	987.	932	1910	99		-	-		75-125	-		20
Manganese, Total	133.	46.6	150	36	Q	-	-		75-125	-		20
Nickel, Total	6.25	46.6	47.8	89		-	-		75-125	-		20
Potassium, Total	303.	932	1240	100		-	-		75-125	-		20
Selenium, Total	0.724J	11.2	10.8	96		-	-		75-125	-		20
Silver, Total	ND	28	29.1	104		-	-		75-125	-		20
Sodium, Total	35.6J	932	1000	107		-	-		75-125	-		20
Thallium, Total	ND	11.2	9.47	85		-	-		75-125	-		20
Vanadium, Total	12.7	46.6	59.3	100		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

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			QC Batch ID: WG1111987-3		QC Sample: L1815370-01		Client ID: MS Sample		
Zinc, Total	53.2	46.6	96.3	92	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08			QC Batch ID: WG1112075-3		QC Sample: L1815425-01		Client ID: SB-10 (0-2)		
Mercury, Total	0.367	0.152	0.541	115	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1111987-4 QC Sample: L1815370-01 Client ID: DUP Sample						
Aluminum, Total	5620	5890	mg/kg	5		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	6.35	5.81	mg/kg	9		20
Barium, Total	60.3	76.1	mg/kg	23	Q	20
Beryllium, Total	0.206J	0.209J	mg/kg	NC		20
Cadmium, Total	0.286J	0.254J	mg/kg	NC		20
Calcium, Total	2130	3320	mg/kg	44	Q	20
Chromium, Total	7.13	7.54	mg/kg	6		20
Cobalt, Total	2.68	2.40	mg/kg	11		20
Copper, Total	11.3	11.1	mg/kg	2		20
Iron, Total	10900	7770	mg/kg	34	Q	20
Lead, Total	36.5	33.7	mg/kg	8		20
Magnesium, Total	987.	1320	mg/kg	29	Q	20
Manganese, Total	133.	97.8	mg/kg	31	Q	20
Nickel, Total	6.25	5.09	mg/kg	20		20
Potassium, Total	303.	271	mg/kg	11		20
Selenium, Total	0.724J	0.282J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	35.6J	38.8J	mg/kg	NC		20

Lab Duplicate Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1111987-4 QC Sample: L1815370-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	12.7	12.8	mg/kg	1	20
Zinc, Total	53.2	58.2	mg/kg	9	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1112075-4 QC Sample: L1815425-01 Client ID: SB-10 (0-2)					
Mercury, Total	0.367	0.352	mg/kg	4	20

INORGANICS & MISCELLANEOUS

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-01**Client ID:** SB-10 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 08:15**Date Received:** 05/01/18**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	85.7		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-02**Client ID:** SB-2 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 08:45**Date Received:** 05/01/18**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	65.1		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-03**Client ID:** SB-9 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 09:05**Date Received:** 05/01/18**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	79.0		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-04**Client ID:** SB-1 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 10:00**Date Received:** 05/01/18**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	82.7		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-05**Client ID:** SB-11 (0-2)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 10:45**Date Received:** 05/01/18**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	88.2		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-06

Client ID: SB-3 (17-19)

Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 11:30

Date Received: 05/01/18

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	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-07

Client ID: SB-10 (15-17)

Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 12:45

Date Received: 05/01/18

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	89.8		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-08**Client ID:** SB-4 (11-13)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 14:30**Date Received:** 05/01/18**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	87.0		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-09**Client ID:** SB-10 1'**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 08:15**Date Received:** 05/01/18**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	85.7		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-10**Client ID:** SB-2 1'**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 08:45**Date Received:** 05/01/18**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	65.1		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-11

Client ID: SB-9 1'

Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 09:05

Date Received: 05/01/18

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	79.0		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-12

Client ID: SB-1 1'

Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 10:00

Date Received: 05/01/18

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	82.7		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-13**Client ID:** SB-11 1'**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 10:45**Date Received:** 05/01/18**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	88.2		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815425

Report Date: 05/07/18

SAMPLE RESULTS

Lab ID: L1815425-14

Client ID: SB-3 18'

Sample Location: EAST HARLEM, NY

Date Collected: 05/01/18 11:30

Date Received: 05/01/18

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	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-15**Client ID:** SB-10 16'**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 12:45**Date Received:** 05/01/18**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	89.8		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18**SAMPLE RESULTS****Lab ID:** L1815425-16**Client ID:** SB-4 12.5'**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/01/18 14:30**Date Received:** 05/01/18**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	87.0		%	0.100	NA	1	-	05/02/18 08:11	121,2540G	RI



Lab Duplicate Analysis
Batch Quality Control**Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815425**Report Date:** 05/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-16 QC Batch ID: WG1111707-1 QC Sample: L1815370-01 Client ID: DUP Sample						
Solids, Total	83.8	84.9	%	1		20

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No: 05071819:15
Lab Number: L1815425
Report Date: 05/07/18

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815425-01A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-01B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-01C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-01D	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1815425-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815425-01F	Glass 250ml/8oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815425-01X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		-
L1815425-01Y	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-01Z	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-02A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-02B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-02C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-02D	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1815425-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815425-02F	Glass 250ml/8oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815425-02X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		-
L1815425-02Y	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05071819:15
Lab Number: L1815425
Report Date: 05/07/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815425-02Z	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-03A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-03B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-03C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-03D	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1815425-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815425-03F	Glass 250ml/8oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815425-03X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		-
L1815425-03Y	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-03Z	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-04A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-04B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-04C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-04D	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1815425-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815425-04F	Glass 250ml/8oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815425-04X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		-
L1815425-04Y	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-04Z	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-05A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-05B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-05C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-05D	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815425-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815425-05F	Glass 250ml/8oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815425-05X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		-
L1815425-05Y	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-05Z	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-06A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-06B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-06C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-06D	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1815425-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815425-06F	Glass 250ml/8oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815425-06X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		-
L1815425-06Y	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-06Z	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-07A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-07B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-07C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-07D	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1815425-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815425-07F	Glass 250ml/8oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)

Project Name: SENDERO VERDE**Lab Number:** L1815425**Project Number:** 2984.0001Y000**Report Date:** 05/07/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815425-07X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		-
L1815425-07Y	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-07Z	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-08A	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-08B	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-08C	5 gram Encore Sampler	A	NA		3.9	Y	Absent		-
L1815425-08D	Plastic 2oz unpreserved for TS	A	NA		3.9	Y	Absent		TS(7)
L1815425-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.9	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815425-08F	Glass 250ml/8oz unpreserved	A	NA		3.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815425-08X	Vial MeOH preserved split	A	NA		3.9	Y	Absent		-
L1815425-08Y	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-
L1815425-08Z	Vial Water preserved split	A	NA		3.9	Y	Absent	02-MAY-18 11:22	-

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815425
Report Date: 05/07/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
- 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

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- 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).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.




Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **11**

Published Date: 1/8/2018 4:15:49 PM

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Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 300:** DW: Bromide**EPA 6860:** SCM: Perchlorate**EPA 9010:** NPW and SCM: Amenable Cyanide Distillation**SM4500:** NPW: Amenable Cyanide, Dissolved Oxygen; 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.**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, SM4500CI-D, SM2320B, SM2540C, SM4500H-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, **EPA 351.1, 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 624:** Volatile Halocarbons & Aromatics,**EPA 608:** 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:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Be, Cd, Cr, Cu, 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, Pb, Mn, Ni, Se, Ag, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		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 <u>1</u> of <u>1</u>		Date Rec'd <u>5/1/18</u> ID <u>LT915425</u>																																																																																																														
		Project Information Project Name: <u>Sendero Verde</u> Project Location: <u>East Harlem, NY</u> Project # <u>2984.0001K000</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> Other <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (4 File)		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																																														
Client Information Client: <u>Roux</u> Address: <u>209 Shafter St.</u> <u>Islandia, NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9898</u> Email: <u>jmorriarity@rouxinc.com</u>		Project Manager: <u>Julie Morienity</u> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge <input type="checkbox"/> NY Part 375 <input type="checkbox"/> NY CP-51 <input type="checkbox"/> Other		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																																														
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Please specify Metals or TAL.		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="4"></th> <th rowspan="2">Sample Specific Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> <th colspan="4"></th> </tr> </thead> <tbody> <tr> <td>15925.01</td> <td>SB-10 (0-2)</td> <td>5/1/18</td> <td>8:15</td> <td>Soil</td> <td>VS</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>6</td> </tr> <tr> <td>42</td> <td>SB-2 (0-2)</td> <td></td> <td>8:45</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>6</td> </tr> <tr> <td>43</td> <td>SB-9 (0-2)</td> <td></td> <td>9:05</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>6</td> </tr> <tr> <td>44</td> <td>SB-1 (0-2)</td> <td></td> <td>10:00</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>6</td> </tr> <tr> <td>45</td> <td>SB-11 (0-2)</td> <td></td> <td>10:45</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>6</td> </tr> <tr> <td>46</td> <td>SB-3 (7-19)</td> <td></td> <td>11:30</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>6</td> </tr> <tr> <td>47</td> <td>SB-18 (15-17)</td> <td></td> <td>12:45</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>6</td> </tr> <tr> <td>48</td> <td>SB-4 (11-13)</td> <td></td> <td>14:30</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>6</td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID			Collection		Sample Matrix	Sampler's Initials					Sample Specific Comments	Date	Time					15925.01	SB-10 (0-2)	5/1/18	8:15	Soil	VS	X	X	X	X		6	42	SB-2 (0-2)		8:45			X	X	X	X		6	43	SB-9 (0-2)		9:05			X	X	X	X		6	44	SB-1 (0-2)		10:00			X	X	X	X		6	45	SB-11 (0-2)		10:45			X	X	X	X		6	46	SB-3 (7-19)		11:30			X	X	X	X		6	47	SB-18 (15-17)		12:45			X	X	X	X		6	48	SB-4 (11-13)		14:30			X	X	X	X
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Container Type</th> <th colspan="4"></th> </tr> </thead> <tbody> <tr> <td>E A A P</td> <td colspan="4"></td> </tr> <tr> <th>Preservative</th> <th colspan="4"></th> </tr> <tr> <td>A A A A</td> <td colspan="4"></td> </tr> </tbody> </table>		Container Type					E A A P					Preservative					A A A A																																																																																													
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ANALYTICAL REPORT

Lab Number:	L1815645
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749
ATTN:	Julie Moriarity
Phone:	(631) 232-2600
Project Name:	SENDERO VERDE
Project Number:	2984.0001Y000
Report Date:	05/09/18

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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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1815645-01	SB-2 (17.5-19.5)	SOIL	EAST HARLEM, NY	05/02/18 08:50	05/02/18
L1815645-02	SB-2 (19)	SOIL	EAST HARLEM, NY	05/02/18 08:50	05/02/18
L1815645-03	SB-1 (12-14)	SOIL	EAST HARLEM, NY	05/02/18 11:00	05/02/18
L1815645-04	SB-1 (13)	SOIL	EAST HARLEM, NY	05/02/18 11:00	05/02/18
L1815645-05	SB-5 (18-20)	SOIL	EAST HARLEM, NY	05/02/18 13:00	05/02/18
L1815645-06	SB-5 (19)	SOIL	EAST HARLEM, NY	05/02/18 13:00	05/02/18
L1815645-07	SB-6 (17-19)	SOIL	EAST HARLEM, NY	05/02/18 14:30	05/02/18
L1815645-08	SB-6 (18)	SOIL	EAST HARLEM, NY	05/02/18 14:30	05/02/18
L1815645-09	SB-10/GW	WATER	EAST HARLEM, NY	05/02/18 10:00	05/02/18
L1815645-10	SB-4/GW	WATER	EAST HARLEM, NY	05/02/18 12:20	05/02/18
L1815645-11	SB-5/GW	WATER	EAST HARLEM, NY	05/02/18 14:00	05/02/18
L1815645-12	SB-10/GW FILTERED	WATER	EAST HARLEM, NY	05/02/18 10:00	05/02/18
L1815645-13	SB-4/GW FILTERED	WATER	EAST HARLEM, NY	05/02/18 12:20	05/02/18
L1815645-14	SB-5/GW FILTERED	WATER	EAST HARLEM, NY	05/02/18 14:00	05/02/18

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

Case Narrative (continued)

Report Submission

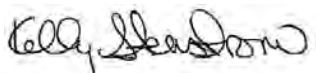
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L1815645-01, -03, -05, and -07: 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/09/18

ORGANICS

VOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-02
 Client ID: SB-2 (19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 08:50
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/06/18 14:57
 Analyst: MV
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	3.0	J	ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.33	1
Chloroform	5.1		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.43	1
Bromodichloromethane	ND		ug/kg	1.2	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.26	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.40	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Benzene	ND		ug/kg	1.2	0.24	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.1	0.54	1
Bromomethane	ND		ug/kg	2.4	0.42	1
Vinyl chloride	ND		ug/kg	2.4	0.39	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.46	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.30	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-02
 Client ID: SB-2 (19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 08:50
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.19	1
p/m-Xylene	ND		ug/kg	2.4	0.43	1
o-Xylene	ND		ug/kg	2.4	0.42	1
Xylenes, Total	ND		ug/kg	2.4	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.42	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.30	1
Dibromomethane	ND		ug/kg	12	0.29	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.61	1
Acetone	11	J	ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.85	1
Vinyl acetate	ND		ug/kg	12	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.22	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.1	0.44	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.55	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.1	0.27	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.27	1
tert-Butylbenzene	ND		ug/kg	6.1	0.30	1
o-Chlorotoluene	ND		ug/kg	6.1	0.27	1
p-Chlorotoluene	ND		ug/kg	6.1	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.49	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.43	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.25	1
Naphthalene	ND		ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.63	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-02
Client ID: SB-2 (19)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 08:50
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.23	1
1,4-Dioxane	ND		ug/kg	49	18.	1
p-Diethylbenzene	ND		ug/kg	4.9	4.9	1
p-Ethyltoluene	ND		ug/kg	4.9	0.29	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.19	1
Ethyl ether	ND		ug/kg	6.1	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	109		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-04
 Client ID: SB-1 (13)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 11:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/06/18 15:23
 Analyst: MV
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	3.0	1
1,1-Dichloroethane	ND		ug/kg	2.7	0.49	1
Chloroform	ND		ug/kg	2.7	0.67	1
Carbon tetrachloride	ND		ug/kg	1.8	0.62	1
1,2-Dichloropropane	ND		ug/kg	6.3	0.41	1
Dibromochloromethane	ND		ug/kg	1.8	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	0.56	1
Tetrachloroethene	ND		ug/kg	1.8	0.55	1
Chlorobenzene	ND		ug/kg	1.8	0.63	1
Trichlorofluoromethane	ND		ug/kg	9.0	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.44	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	0.63	1
Bromodichloromethane	ND		ug/kg	1.8	0.56	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	0.42	1
1,3-Dichloropropene, Total	ND		ug/kg	1.8	0.38	1
1,1-Dichloropropene	ND		ug/kg	9.0	0.59	1
Bromoform	ND		ug/kg	7.2	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	0.54	1
Benzene	ND		ug/kg	1.8	0.35	1
Toluene	ND		ug/kg	2.7	0.35	1
Ethylbenzene	ND		ug/kg	1.8	0.31	1
Chloromethane	ND		ug/kg	9.0	0.79	1
Bromomethane	ND		ug/kg	3.6	0.61	1
Vinyl chloride	ND		ug/kg	3.6	0.57	1
Chloroethane	ND		ug/kg	3.6	0.57	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.67	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.44	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-04
 Client ID: SB-1 (13)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 11:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.8	0.55	1
1,2-Dichlorobenzene	ND		ug/kg	9.0	0.33	1
1,3-Dichlorobenzene	ND		ug/kg	9.0	0.39	1
1,4-Dichlorobenzene	ND		ug/kg	9.0	0.33	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.28	1
p/m-Xylene	ND		ug/kg	3.6	0.63	1
o-Xylene	ND		ug/kg	3.6	0.61	1
Xylenes, Total	ND		ug/kg	3.6	0.61	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.62	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.44	1
Dibromomethane	ND		ug/kg	18	0.43	1
Styrene	ND		ug/kg	3.6	0.72	1
Dichlorodifluoromethane	ND		ug/kg	18	0.90	1
Acetone	ND		ug/kg	18	4.1	1
Carbon disulfide	ND		ug/kg	18	2.0	1
2-Butanone	ND		ug/kg	18	1.2	1
Vinyl acetate	ND		ug/kg	18	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	18	0.44	1
1,2,3-Trichloropropane	ND		ug/kg	18	0.32	1
2-Hexanone	ND		ug/kg	18	1.2	1
Bromochloromethane	ND		ug/kg	9.0	0.64	1
2,2-Dichloropropane	ND		ug/kg	9.0	0.81	1
1,2-Dibromoethane	ND		ug/kg	7.2	0.36	1
1,3-Dichloropropane	ND		ug/kg	9.0	0.33	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	0.58	1
Bromobenzene	ND		ug/kg	9.0	0.40	1
n-Butylbenzene	ND		ug/kg	1.8	0.41	1
sec-Butylbenzene	ND		ug/kg	1.8	0.39	1
tert-Butylbenzene	ND		ug/kg	9.0	0.45	1
o-Chlorotoluene	ND		ug/kg	9.0	0.40	1
p-Chlorotoluene	ND		ug/kg	9.0	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.0	0.72	1
Hexachlorobutadiene	ND		ug/kg	9.0	0.63	1
Isopropylbenzene	ND		ug/kg	1.8	0.35	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.36	1
Naphthalene	0.80	J	ug/kg	9.0	0.25	1
Acrylonitrile	ND		ug/kg	18	0.93	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-04**Date Collected:** 05/02/18 11:00**Client ID:** SB-1 (13)**Date Received:** 05/02/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.39	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.0	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.0	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	9.0	0.34	1
1,4-Dioxane	ND		ug/kg	72	26.	1
p-Diethylbenzene	ND		ug/kg	7.2	7.2	1
p-Ethyltoluene	ND		ug/kg	7.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.2	0.28	1
Ethyl ether	ND		ug/kg	9.0	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.0	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	107		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-06
 Client ID: SB-5 (19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 13:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/06/18 15:48
 Analyst: MV
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.33	1
Chloroform	4.4		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.43	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.39	1
Tetrachloroethene	0.40	J	ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.43	1
Bromodichloromethane	ND		ug/kg	1.2	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.26	1
1,1-Dichloropropene	ND		ug/kg	6.2	0.40	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Benzene	ND		ug/kg	1.2	0.24	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.2	0.54	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.39	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.46	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.30	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-06
 Client ID: SB-5 (19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 13:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.19	1
p/m-Xylene	ND		ug/kg	2.5	0.43	1
o-Xylene	ND		ug/kg	2.5	0.42	1
Xylenes, Total	ND		ug/kg	2.5	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.42	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.30	1
Dibromomethane	ND		ug/kg	12	0.30	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.62	1
Acetone	3.1	J	ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.85	1
Vinyl acetate	ND		ug/kg	12	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.22	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.2	0.44	1
2,2-Dichloropropane	ND		ug/kg	6.2	0.56	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.2	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.39	1
Bromobenzene	ND		ug/kg	6.2	0.27	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.27	1
tert-Butylbenzene	ND		ug/kg	6.2	0.30	1
o-Chlorotoluene	ND		ug/kg	6.2	0.27	1
p-Chlorotoluene	ND		ug/kg	6.2	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.43	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.25	1
Naphthalene	ND		ug/kg	6.2	0.17	1
Acrylonitrile	ND		ug/kg	12	0.63	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-06**Date Collected:** 05/02/18 13:00**Client ID:** SB-5 (19)**Date Received:** 05/02/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.23	1
1,4-Dioxane	ND		ug/kg	49	18.	1
p-Diethylbenzene	ND		ug/kg	4.9	4.9	1
p-Ethyltoluene	ND		ug/kg	4.9	0.29	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.9	0.19	1
Ethyl ether	ND		ug/kg	6.2	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	109		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-08
 Client ID: SB-6 (18)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:30
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/08/18 13:04
 Analyst: JC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.33	1
Chloroform	5.5		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.37	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.42	1
Bromodichloromethane	ND		ug/kg	1.2	0.37	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.25	1
1,1-Dichloropropene	ND		ug/kg	6.1	0.40	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.36	1
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.21	1
Chloromethane	ND		ug/kg	6.1	0.53	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.38	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.29	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-08
 Client ID: SB-6 (18)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:30
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.37	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.18	1
p/m-Xylene	ND		ug/kg	2.4	0.42	1
o-Xylene	ND		ug/kg	2.4	0.41	1
Xylenes, Total	ND		ug/kg	2.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.42	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.29	1
Dibromomethane	ND		ug/kg	12	0.29	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.61	1
Acetone	ND		ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.84	1
Vinyl acetate	ND		ug/kg	12	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.21	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.43	1
2,2-Dichloropropane	ND		ug/kg	6.1	0.55	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.1	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.1	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	ND		ug/kg	6.1	0.30	1
o-Chlorotoluene	ND		ug/kg	6.1	0.27	1
p-Chlorotoluene	ND		ug/kg	6.1	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.1	0.42	1
Isopropylbenzene	ND		ug/kg	1.2	0.24	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	ND		ug/kg	6.1	0.17	1
Acrylonitrile	ND		ug/kg	12	0.62	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-08**Date Collected:** 05/02/18 14:30**Client ID:** SB-6 (18)**Date Received:** 05/02/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.22	1
1,4-Dioxane	ND		ug/kg	48	17.	1
p-Diethylbenzene	ND		ug/kg	4.8	4.8	1
p-Ethyltoluene	ND		ug/kg	4.8	0.28	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.19	1
Ethyl ether	ND		ug/kg	6.1	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	0.48	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-09
 Client ID: SB-10/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/18 13:59
 Analyst: AD

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	31		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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-09
 Client ID: SB-10/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-09**Date Collected:** 05/02/18 10:00**Client ID:** SB-10/GW**Date Received:** 05/02/18**Sample Location:** EAST HARLEM, NY**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	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-10
 Client ID: SB-4/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/18 14:25
 Analyst: AD

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	30		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	1.2		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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-10
Client ID: SB-4/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
Date Received: 05/02/18
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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-10
Client ID: SB-4/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
Date Received: 05/02/18
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	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-11
 Client ID: SB-5/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/18 14:50
 Analyst: AD

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	28		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	0.22	J	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-11**Date Collected:** 05/02/18 14:00**Client ID:** SB-5/GW**Date Received:** 05/02/18**Sample Location:** EAST HARLEM, NY**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	1.8	J	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-11**Date Collected:** 05/02/18 14:00**Client ID:** SB-5/GW**Date Received:** 05/02/18**Sample Location:** EAST HARLEM, NY**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	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/05/18 11:02
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1113111-5					
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: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/05/18 11:02
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1113111-5					
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: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/05/18 11:02
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1113111-5					
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	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/06/18 13:13
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG1113305-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	1.4	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/06/18 13:13
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG1113305-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	0.23	J	ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/06/18 13:13
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG1113305-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	0.17	J	ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/18 08:19
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08 Batch: WG1113722-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	0.66	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/18 08:19
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08 Batch: WG1113722-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/08/18 08:19
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08 Batch: WG1113722-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1113111-3 WG1113111-4								
Methylene chloride	90		94		70-130	4		20
1,1-Dichloroethane	90		93		70-130	3		20
Chloroform	92		94		70-130	2		20
Carbon tetrachloride	96		99		63-132	3		20
1,2-Dichloropropane	87		91		70-130	4		20
Dibromochloromethane	90		94		63-130	4		20
1,1,2-Trichloroethane	92		92		70-130	0		20
Tetrachloroethene	94		98		70-130	4		20
Chlorobenzene	90		93		75-130	3		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	98		98		70-130	0		20
1,1,1-Trichloroethane	98		100		67-130	2		20
Bromodichloromethane	93		96		67-130	3		20
trans-1,3-Dichloropropene	91		94		70-130	3		20
cis-1,3-Dichloropropene	90		93		70-130	3		20
1,1-Dichloropropene	94		97		70-130	3		20
Bromoform	93		94		54-136	1		20
1,1,2,2-Tetrachloroethane	88		90		67-130	2		20
Benzene	90		93		70-130	3		20
Toluene	88		92		70-130	4		20
Ethylbenzene	91		95		70-130	4		20
Chloromethane	93		100		64-130	7		20
Bromomethane	94		100		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1113111-3 WG1113111-4								
Vinyl chloride	87		90		55-140	3		20
Chloroethane	90		100		55-138	11		20
1,1-Dichloroethene	94		98		61-145	4		20
trans-1,2-Dichloroethene	88		93		70-130	6		20
Trichloroethene	97		100		70-130	3		20
1,2-Dichlorobenzene	90		92		70-130	2		20
1,3-Dichlorobenzene	91		92		70-130	1		20
1,4-Dichlorobenzene	92		91		70-130	1		20
Methyl tert butyl ether	92		96		63-130	4		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	87		89		70-130	2		20
Dibromomethane	89		92		70-130	3		20
1,2,3-Trichloropropane	90		96		64-130	6		20
Acrylonitrile	90		95		70-130	5		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	120		100		58-148	18		20
Carbon disulfide	96		100		51-130	4		20
2-Butanone	98		93		63-138	5		20
Vinyl acetate	92		95		70-130	3		20
4-Methyl-2-pentanone	86		94		59-130	9		20
2-Hexanone	85		88		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1113111-3 WG1113111-4								
Bromochloromethane	92		98		70-130	6		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	87		91		70-130	4		20
1,3-Dichloropropane	88		89		70-130	1		20
1,1,1,2-Tetrachloroethane	92		95		64-130	3		20
Bromobenzene	89		90		70-130	1		20
n-Butylbenzene	96		99		53-136	3		20
sec-Butylbenzene	97		100		70-130	3		20
tert-Butylbenzene	96		97		70-130	1		20
o-Chlorotoluene	76		76		70-130	0		20
p-Chlorotoluene	91		90		70-130	1		20
1,2-Dibromo-3-chloropropane	91		90		41-144	1		20
Hexachlorobutadiene	89		96		63-130	8		20
Isopropylbenzene	94		95		70-130	1		20
p-Isopropyltoluene	98		100		70-130	2		20
Naphthalene	86		90		70-130	5		20
n-Propylbenzene	95		97		69-130	2		20
1,2,3-Trichlorobenzene	90		92		70-130	2		20
1,2,4-Trichlorobenzene	89		90		70-130	1		20
1,3,5-Trimethylbenzene	93		95		64-130	2		20
1,2,4-Trimethylbenzene	93		95		70-130	2		20
1,4-Dioxane	104		98		56-162	6		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1113111-3 WG1113111-4								
p-Ethyltoluene	99		100		70-130	1		20
1,2,4,5-Tetramethylbenzene	97		99		70-130	2		20
Ethyl ether	90		94		59-134	4		20
trans-1,4-Dichloro-2-butene	90		93		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	105		104		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1113305-3 WG1113305-4								
Methylene chloride	100		98		70-130	2		30
1,1-Dichloroethane	103		100		70-130	3		30
Chloroform	92		101		70-130	9		30
Carbon tetrachloride	104		112		70-130	7		30
1,2-Dichloropropane	91		96		70-130	5		30
Dibromochloromethane	103		101		70-130	2		30
1,1,2-Trichloroethane	94		79		70-130	17		30
Tetrachloroethene	86		87		70-130	1		30
Chlorobenzene	90		93		70-130	3		30
Trichlorofluoromethane	97		99		70-139	2		30
1,2-Dichloroethane	112		113		70-130	1		30
1,1,1-Trichloroethane	100		106		70-130	6		30
Bromodichloromethane	104		106		70-130	2		30
trans-1,3-Dichloropropene	102		102		70-130	0		30
cis-1,3-Dichloropropene	97		98		70-130	1		30
1,1-Dichloropropene	89		80		70-130	11		30
Bromoform	87		96		70-130	10		30
1,1,2,2-Tetrachloroethane	91		95		70-130	4		30
Benzene	87		89		70-130	2		30
Toluene	83		86		70-130	4		30
Ethylbenzene	88		89		70-130	1		30
Chloromethane	83		80		52-130	4		30
Bromomethane	91		90		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1113305-3 WG1113305-4								
Vinyl chloride	77		80		67-130	4		30
Chloroethane	74		76		50-151	3		30
1,1-Dichloroethene	92		90		65-135	2		30
trans-1,2-Dichloroethene	95		97		70-130	2		30
Trichloroethene	92		96		70-130	4		30
1,2-Dichlorobenzene	95		94		70-130	1		30
1,3-Dichlorobenzene	92		94		70-130	2		30
1,4-Dichlorobenzene	92		94		70-130	2		30
Methyl tert butyl ether	114		110		66-130	4		30
p/m-Xylene	88		90		70-130	2		30
o-Xylene	80		90		70-130	12		30
cis-1,2-Dichloroethene	99		96		70-130	3		30
Dibromomethane	99		104		70-130	5		30
Styrene	76		92		70-130	19		30
Dichlorodifluoromethane	78		82		30-146	5		30
Acetone	114		100		54-140	13		30
Carbon disulfide	86		83		59-130	4		30
2-Butanone	103		80		70-130	25		30
Vinyl acetate	97		93		70-130	4		30
4-Methyl-2-pentanone	97		93		70-130	4		30
1,2,3-Trichloropropane	98		97		68-130	1		30
2-Hexanone	93		70		70-130	28		30
Bromochloromethane	109		100		70-130	9		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1113305-3 WG1113305-4								
2,2-Dichloropropane	94		90		70-130	4		30
1,2-Dibromoethane	103		98		70-130	5		30
1,3-Dichloropropane	98		95		69-130	3		30
1,1,1,2-Tetrachloroethane	102		100		70-130	2		30
Bromobenzene	91		92		70-130	1		30
n-Butylbenzene	86		91		70-130	6		30
sec-Butylbenzene	88		91		70-130	3		30
tert-Butylbenzene	88		96		70-130	9		30
o-Chlorotoluene	92		95		70-130	3		30
p-Chlorotoluene	94		95		70-130	1		30
1,2-Dibromo-3-chloropropane	90		78		68-130	14		30
Hexachlorobutadiene	77		73		67-130	5		30
Isopropylbenzene	86		92		70-130	7		30
p-Isopropyltoluene	87		91		70-130	4		30
Naphthalene	97		89		70-130	9		30
Acrylonitrile	123		108		70-130	13		30
n-Propylbenzene	87		90		70-130	3		30
1,2,3-Trichlorobenzene	92		89		70-130	3		30
1,2,4-Trichlorobenzene	86		82		70-130	5		30
1,3,5-Trimethylbenzene	91		96		70-130	5		30
1,2,4-Trimethylbenzene	94		97		70-130	3		30
1,4-Dioxane	84		87		65-136	4		30
p-Diethylbenzene	86		87		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1113305-3 WG1113305-4								
p-Ethyltoluene	85		89		70-130	5		30
1,2,4,5-Tetramethylbenzene	90		89		70-130	1		30
Ethyl ether	105		99		67-130	6		30
trans-1,4-Dichloro-2-butene	107		114		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		118		70-130
Toluene-d8	103		107		70-130
4-Bromofluorobenzene	102		104		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08 Batch: WG1113722-3 WG1113722-4								
Methylene chloride	86		97		70-130	12		30
1,1-Dichloroethane	90		100		70-130	11		30
Chloroform	96		102		70-130	6		30
Carbon tetrachloride	112		117		70-130	4		30
1,2-Dichloropropane	94		87		70-130	8		30
Dibromochloromethane	113		98		70-130	14		30
1,1,2-Trichloroethane	104		85		70-130	20		30
Tetrachloroethene	112		83		70-130	30		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	94		100		70-139	6		30
1,2-Dichloroethane	98		105		70-130	7		30
1,1,1-Trichloroethane	106		107		70-130	1		30
Bromodichloromethane	102		98		70-130	4		30
trans-1,3-Dichloropropene	110		84		70-130	27		30
cis-1,3-Dichloropropene	96		81		70-130	17		30
1,1-Dichloropropene	96		98		70-130	2		30
Bromoform	96		95		70-130	1		30
1,1,2,2-Tetrachloroethane	92		94		70-130	2		30
Benzene	93		93		70-130	0		30
Toluene	103		75		70-130	31	Q	30
Ethylbenzene	99		93		70-130	6		30
Chloromethane	74		80		52-130	8		30
Bromomethane	103		97		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08 Batch: WG1113722-3 WG1113722-4								
Vinyl chloride	79		79		67-130	0		30
Chloroethane	86		86		50-151	0		30
1,1-Dichloroethene	90		103		65-135	13		30
trans-1,2-Dichloroethene	92		102		70-130	10		30
Trichloroethene	102		101		70-130	1		30
1,2-Dichlorobenzene	96		100		70-130	4		30
1,3-Dichlorobenzene	102		97		70-130	5		30
1,4-Dichlorobenzene	102		95		70-130	7		30
Methyl tert butyl ether	91		105		66-130	14		30
p/m-Xylene	113		95		70-130	17		30
o-Xylene	111		94		70-130	17		30
cis-1,2-Dichloroethene	92		101		70-130	9		30
Dibromomethane	95		101		70-130	6		30
Styrene	109		92		70-130	17		30
Dichlorodifluoromethane	77		82		30-146	6		30
Acetone	80		94		54-140	16		30
Carbon disulfide	79		91		59-130	14		30
2-Butanone	82		93		70-130	13		30
Vinyl acetate	74		91		70-130	21		30
4-Methyl-2-pentanone	93		73		70-130	24		30
1,2,3-Trichloropropane	96		92		68-130	4		30
2-Hexanone	84		79		70-130	6		30
Bromochloromethane	99		110		70-130	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08 Batch: WG1113722-3 WG1113722-4								
2,2-Dichloropropane	98		103		70-130	5		30
1,2-Dibromoethane	112		99		70-130	12		30
1,3-Dichloropropane	108		89		69-130	19		30
1,1,1,2-Tetrachloroethane	108		100		70-130	8		30
Bromobenzene	102		95		70-130	7		30
n-Butylbenzene	106		98		70-130	8		30
sec-Butylbenzene	105		98		70-130	7		30
tert-Butylbenzene	106		99		70-130	7		30
o-Chlorotoluene	102		95		70-130	7		30
p-Chlorotoluene	105		98		70-130	7		30
1,2-Dibromo-3-chloropropane	85		83		68-130	2		30
Hexachlorobutadiene	92		85		67-130	8		30
Isopropylbenzene	106		98		70-130	8		30
p-Isopropyltoluene	102		95		70-130	7		30
Naphthalene	94		84		70-130	11		30
Acrylonitrile	88		102		70-130	15		30
n-Propylbenzene	106		97		70-130	9		30
1,2,3-Trichlorobenzene	100		93		70-130	7		30
1,2,4-Trichlorobenzene	99		93		70-130	6		30
1,3,5-Trimethylbenzene	107		101		70-130	6		30
1,2,4-Trimethylbenzene	107		97		70-130	10		30
1,4-Dioxane	86		85		65-136	1		30
p-Diethylbenzene	104		95		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08 Batch: WG1113722-3 WG1113722-4								
p-Ethyltoluene	101		95		70-130	6		30
1,2,4,5-Tetramethylbenzene	90		95		70-130	5		30
Ethyl ether	82		98		67-130	18		30
trans-1,4-Dichloro-2-butene	102		104		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		107		70-130
Toluene-d8	115		85		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	95		106		70-130

SEMIVOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-01
 Client ID: SB-2 (17.5-19.5)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 08:50
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/05/18 17:39
 Analyst: SZ
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 05/03/18 07:56

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	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	34.	1
Fluoranthene	ND		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	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	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	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	68.	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-01
 Client ID: SB-2 (17.5-19.5)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 08:50
 Date Received: 05/02/18
 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	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	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	24.	1
Fluorene	ND		ug/kg	200	20.	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	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	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	76.	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	32.	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-01
 Client ID: SB-2 (17.5-19.5)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 08:50
 Date Received: 05/02/18
 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	62.	1
Carbazole	ND		ug/kg	200	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	98		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-03
 Client ID: SB-1 (12-14)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 11:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/05/18 20:15
 Analyst: SZ
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 05/03/18 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	25	J	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	3700		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	44	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	180		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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-03
 Client ID: SB-1 (12-14)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 11:00
 Date Received: 05/02/18
 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	1800		ug/kg	110	21.	1
Benzo(a)pyrene	2000		ug/kg	150	45.	1
Benzo(b)fluoranthene	3000		ug/kg	110	31.	1
Benzo(k)fluoranthene	1100		ug/kg	110	30.	1
Chrysene	2100		ug/kg	110	19.	1
Acenaphthylene	1000		ug/kg	150	29.	1
Anthracene	420		ug/kg	110	36.	1
Benzo(ghi)perylene	1700		ug/kg	150	22.	1
Fluorene	86	J	ug/kg	180	18.	1
Phenanthrene	1400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	370		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	150	26.	1
Pyrene	3000		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	77.	1
Dibenzofuran	49	J	ug/kg	180	18.	1
2-Methylnaphthalene	37	J	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	76.	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	43	J	ug/kg	270	29.	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-03

Date Collected: 05/02/18 11:00

Client ID: SB-1 (12-14)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	280		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	60		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-05
 Client ID: SB-5 (18-20)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 13:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/05/18 18:05
 Analyst: SZ
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 05/03/18 07:56

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	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	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-05
 Client ID: SB-5 (18-20)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 13:00
 Date Received: 05/02/18
 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	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	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	24.	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	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-05**Date Collected:** 05/02/18 13:00**Client ID:** SB-5 (18-20)**Date Received:** 05/02/18**Sample Location:** EAST HARLEM, NY**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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	80		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-07
 Client ID: SB-6 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:30
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/05/18 18:31
 Analyst: SZ
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 05/03/18 07:56

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	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	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-07
 Client ID: SB-6 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:30
 Date Received: 05/02/18
 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	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	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	24.	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	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-07
 Client ID: SB-6 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:30
 Date Received: 05/02/18
 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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	95		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-09
 Client ID: SB-10/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 15:28
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 08:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	4.9	0.64	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.65	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.71	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.67	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.69	1
3,3'-Dichlorobenzidine	ND		ug/l	4.9	1.4	1
2,4-Dinitrotoluene	ND		ug/l	4.9	0.82	1
2,6-Dinitrotoluene	ND		ug/l	4.9	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.61	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.71	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.68	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.9	0.61	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.6	1
Isophorone	ND		ug/l	4.9	0.59	1
Nitrobenzene	ND		ug/l	2.0	0.73	1
NDPA/DPA	ND		ug/l	2.0	0.63	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.9	0.68	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.89	1
Butyl benzyl phthalate	ND		ug/l	4.9	1.2	1
Di-n-butylphthalate	ND		ug/l	4.9	0.67	1
Di-n-octylphthalate	ND		ug/l	4.9	1.1	1
Diethyl phthalate	ND		ug/l	4.9	0.61	1
Dimethyl phthalate	ND		ug/l	4.9	0.63	1
Biphenyl	ND		ug/l	2.0	0.74	1
4-Chloroaniline	ND		ug/l	4.9	0.62	1
2-Nitroaniline	ND		ug/l	4.9	1.1	1
3-Nitroaniline	ND		ug/l	4.9	1.2	1
4-Nitroaniline	ND		ug/l	4.9	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-09
 Client ID: SB-10/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.64	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.8	0.65	1
Acetophenone	ND		ug/l	4.9	0.83	1
2,4,6-Trichlorophenol	ND		ug/l	4.9	0.66	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.60	1
2-Chlorophenol	ND		ug/l	2.0	0.62	1
2,4-Dichlorophenol	ND		ug/l	4.9	0.75	1
2,4-Dimethylphenol	ND		ug/l	4.9	1.6	1
2-Nitrophenol	ND		ug/l	9.8	1.5	1
4-Nitrophenol	ND		ug/l	9.8	1.7	1
2,4-Dinitrophenol	ND		ug/l	20	5.3	1
4,6-Dinitro-o-cresol	ND		ug/l	9.8	2.0	1
Phenol	ND		ug/l	4.9	1.8	1
2-Methylphenol	ND		ug/l	4.9	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.9	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.9	0.70	1
Benzoic Acid	ND		ug/l	49	12.	1
Benzyl Alcohol	ND		ug/l	2.0	0.71	1
Carbazole	ND		ug/l	2.0	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	77		41-149

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-09
Client ID: SB-10/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 05/04/18 14:01
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/03/18 08:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.20	0.03	1
Fluoranthene	0.74		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.49	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.35		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.33		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.48		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	0.19		ug/l	0.10	0.04	1
Chrysene	0.38		ug/l	0.10	0.04	1
Acenaphthylene	0.09	J	ug/l	0.10	0.03	1
Anthracene	0.07	J	ug/l	0.10	0.03	1
Benzo(ghi)perylene	0.20		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.35		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	0.21		ug/l	0.10	0.04	1
Pyrene	0.69		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.04	1
Pentachlorophenol	ND		ug/l	0.78	0.21	1
Hexachlorobenzene	ND		ug/l	0.78	0.03	1
Hexachloroethane	ND		ug/l	0.78	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-09

Date Collected: 05/02/18 10:00

Client ID: SB-10/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	40		15-120
2,4,6-Tribromophenol	34		10-120
4-Terphenyl-d14	45		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-10
 Client ID: SB-4/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/05/18 17:08
 Analyst: EK

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 08:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	4.8	0.63	1
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.64	1
1,2-Dichlorobenzene	ND		ug/l	1.9	0.70	1
1,3-Dichlorobenzene	ND		ug/l	1.9	0.66	1
1,4-Dichlorobenzene	ND		ug/l	1.9	0.68	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.81	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.66	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.5	1
Isophorone	ND		ug/l	4.8	0.57	1
Nitrobenzene	ND		ug/l	1.9	0.72	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.67	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.87	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.66	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.60	1
Dimethyl phthalate	ND		ug/l	4.8	0.62	1
Biphenyl	ND		ug/l	1.9	0.72	1
4-Chloroaniline	ND		ug/l	4.8	0.60	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.2	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-10
 Client ID: SB-4/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	1.9	0.63	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.6	0.64	1
Acetophenone	ND		ug/l	4.8	0.81	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.65	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.59	1
2-Chlorophenol	ND		ug/l	1.9	0.60	1
2,4-Dichlorophenol	ND		ug/l	4.8	0.73	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.6	1.4	1
4-Nitrophenol	ND		ug/l	9.6	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.2	1
4,6-Dinitro-o-cresol	ND		ug/l	9.6	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
2-Methylphenol	ND		ug/l	4.8	0.97	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.68	1
Benzoic Acid	ND		ug/l	48	12.	1
Benzyl Alcohol	ND		ug/l	1.9	0.69	1
Carbazole	ND		ug/l	1.9	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	91		41-149

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-10
Client ID: SB-4/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 05/04/18 15:22
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/03/18 08:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.03	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.03	1
Anthracene	ND		ug/l	0.10	0.03	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.04	1
Pentachlorophenol	ND		ug/l	0.76	0.21	1
Hexachlorobenzene	ND		ug/l	0.76	0.03	1
Hexachloroethane	ND		ug/l	0.76	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-10

Date Collected: 05/02/18 12:20

Client ID: SB-4/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	55		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-11
 Client ID: SB-5/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/04/18 15:02
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 08:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	4.8	0.63	1
Bis(2-chloroethyl)ether	ND		ug/l	1.9	0.64	1
1,2-Dichlorobenzene	ND		ug/l	1.9	0.70	1
1,3-Dichlorobenzene	ND		ug/l	1.9	0.66	1
1,4-Dichlorobenzene	ND		ug/l	1.9	0.68	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	1.3	1
2,4-Dinitrotoluene	ND		ug/l	4.8	0.81	1
2,6-Dinitrotoluene	ND		ug/l	4.8	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	0.60	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	0.70	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	0.67	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	19	7.5	1
Isophorone	ND		ug/l	4.8	0.58	1
Nitrobenzene	ND		ug/l	1.9	0.72	1
NDPA/DPA	ND		ug/l	1.9	0.62	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	0.67	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	0.87	1
Butyl benzyl phthalate	ND		ug/l	4.8	1.2	1
Di-n-butylphthalate	ND		ug/l	4.8	0.66	1
Di-n-octylphthalate	ND		ug/l	4.8	1.1	1
Diethyl phthalate	ND		ug/l	4.8	0.60	1
Dimethyl phthalate	ND		ug/l	4.8	0.62	1
Biphenyl	ND		ug/l	1.9	0.72	1
4-Chloroaniline	ND		ug/l	4.8	0.60	1
2-Nitroaniline	ND		ug/l	4.8	1.1	1
3-Nitroaniline	ND		ug/l	4.8	1.2	1
4-Nitroaniline	ND		ug/l	4.8	1.2	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-11**Date Collected:** 05/02/18 14:00**Client ID:** SB-5/GW**Date Received:** 05/02/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	1.9	0.63	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.6	0.64	1
Acetophenone	ND		ug/l	4.8	0.81	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	0.65	1
p-Chloro-m-cresol	ND		ug/l	1.9	0.59	1
2-Chlorophenol	ND		ug/l	1.9	0.60	1
2,4-Dichlorophenol	ND		ug/l	4.8	0.74	1
2,4-Dimethylphenol	ND		ug/l	4.8	1.6	1
2-Nitrophenol	ND		ug/l	9.6	1.4	1
4-Nitrophenol	ND		ug/l	9.6	1.7	1
2,4-Dinitrophenol	ND		ug/l	19	5.2	1
4,6-Dinitro-o-cresol	ND		ug/l	9.6	2.0	1
Phenol	ND		ug/l	4.8	1.8	1
2-Methylphenol	ND		ug/l	4.8	0.98	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	0.68	1
Benzoic Acid	ND		ug/l	48	12.	1
Benzyl Alcohol	ND		ug/l	1.9	0.69	1
Carbazole	ND		ug/l	1.9	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	91		41-149

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-11
Client ID: SB-5/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 05/04/18 14:55
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/03/18 08:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.03	1
2-Chloronaphthalene	ND		ug/l	0.19	0.03	1
Fluoranthene	2.6		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.48	0.03	1
Naphthalene	0.11		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.94		ug/l	0.10	0.02	1
Benzo(a)pyrene	1.2		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	2.2		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	0.82		ug/l	0.10	0.04	1
Chrysene	1.3		ug/l	0.10	0.04	1
Acenaphthylene	0.43		ug/l	0.10	0.03	1
Anthracene	0.16		ug/l	0.10	0.03	1
Benzo(ghi)perylene	0.71		ug/l	0.10	0.04	1
Fluorene	0.06	J	ug/l	0.10	0.04	1
Phenanthrene	1.2		ug/l	0.10	0.01	1
Dibenzo(a,h)anthracene	0.20		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	0.81		ug/l	0.10	0.04	1
Pyrene	2.0		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.04	1
Pentachlorophenol	ND		ug/l	0.76	0.21	1
Hexachlorobenzene	ND		ug/l	0.76	0.03	1
Hexachloroethane	ND		ug/l	0.76	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-11

Date Collected: 05/02/18 14:00

Client ID: SB-5/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	23		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	54		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-12
 Client ID: SB-10/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 01:47
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-12
 Client ID: SB-10/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	99		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-12
 Client ID: SB-10/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/05/18 14:22
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.09	J	ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.14		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.07	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-12
 Client ID: SB-10/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	86		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-13
 Client ID: SB-4/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 02:12
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	9.4		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-13
 Client ID: SB-4/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	119		41-149

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-13
 Client ID: SB-4/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/05/18 14:49
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-13

Date Collected: 05/02/18 12:20

Client ID: SB-4/GW FILTERED

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	101		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-14
 Client ID: SB-5/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 02:38
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-14
 Client ID: SB-5/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	113		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-14
 Client ID: SB-5/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/05/18 15:15
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.06	J	ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.12		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.04	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-14

Date Collected: 05/02/18 14:00

Client ID: SB-5/GW FILTERED

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	98		41-149

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/03/18 20:30
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 05/03/18 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1112148-1					
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: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/03/18 20:30
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 05/03/18 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1112148-1					
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	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.



Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/03/18 20:30
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 05/03/18 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1112148-1					
4-Nitrophenol	ND		ug/kg	230	68.
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	51.
Carbazole	ND		ug/kg	160	16.

Tentatively Identified Compounds

Total TIC Compounds	142	J	ug/kg
Aldol Condensates	142	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	100		18-120



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/04/18 11:00
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1112157-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/04/18 11:00
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1112157-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/04/18 11:00
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 08:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09-11 Batch: WG1112157-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

Total TIC Compounds	5.06	J	ug/l
Aldol Condensates	5.06	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	81		41-149



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/04/18 09:32
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 08:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-11 Batch: WG1112158-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270D-SIM
Analytical Date: 05/04/18 09:32
Analyst: DVExtraction Method: EPA 3510C
Extraction Date: 05/03/18 08:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09-11 Batch: WG1112158-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	51		41-149

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/08/18 23:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12-14 Batch: WG1112698-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/08/18 23:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12-14 Batch: WG1112698-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/08/18 23:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12-14 Batch: WG1112698-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

Total TIC Compounds	11.0	J	ug/l
Aldol Condensates	11.0	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	120		41-149



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/05/18 13:02
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 12-14 Batch: WG1112700-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/05/18 13:02
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 12-14 Batch: WG1112700-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	102		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1112148-2 WG1112148-3								
Acenaphthene	73		70		31-137	4		50
1,2,4-Trichlorobenzene	75		75		38-107	0		50
Hexachlorobenzene	91		87		40-140	4		50
Bis(2-chloroethyl)ether	72		71		40-140	1		50
2-Chloronaphthalene	80		77		40-140	4		50
1,2-Dichlorobenzene	68		67		40-140	1		50
1,3-Dichlorobenzene	68		67		40-140	1		50
1,4-Dichlorobenzene	69		67		28-104	3		50
3,3'-Dichlorobenzidine	55		48		40-140	14		50
2,4-Dinitrotoluene	96		92		40-132	4		50
2,6-Dinitrotoluene	97		93		40-140	4		50
Fluoranthene	82		78		40-140	5		50
4-Chlorophenyl phenyl ether	88		84		40-140	5		50
4-Bromophenyl phenyl ether	92		87		40-140	6		50
Bis(2-chloroisopropyl)ether	85		84		40-140	1		50
Bis(2-chloroethoxy)methane	78		77		40-117	1		50
Hexachlorobutadiene	88		85		40-140	3		50
Hexachlorocyclopentadiene	95		92		40-140	3		50
Hexachloroethane	70		69		40-140	1		50
Isophorone	82		80		40-140	2		50
Naphthalene	72		70		40-140	3		50
Nitrobenzene	85		83		40-140	2		50
NDPA/DPA	82		78		36-157	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1112148-2 WG1112148-3								
n-Nitrosodi-n-propylamine	84		84		32-121	0		50
Bis(2-ethylhexyl)phthalate	72		70		40-140	3		50
Butyl benzyl phthalate	78		74		40-140	5		50
Di-n-butylphthalate	76		74		40-140	3		50
Di-n-octylphthalate	72		71		40-140	1		50
Diethyl phthalate	78		76		40-140	3		50
Dimethyl phthalate	84		80		40-140	5		50
Benzo(a)anthracene	76		73		40-140	4		50
Benzo(a)pyrene	78		78		40-140	0		50
Benzo(b)fluoranthene	73		74		40-140	1		50
Benzo(k)fluoranthene	81		80		40-140	1		50
Chrysene	76		74		40-140	3		50
Acenaphthylene	84		82		40-140	2		50
Anthracene	76		73		40-140	4		50
Benzo(ghi)perylene	74		76		40-140	3		50
Fluorene	80		76		40-140	5		50
Phenanthrene	72		71		40-140	1		50
Dibenzo(a,h)anthracene	73		75		40-140	3		50
Indeno(1,2,3-cd)pyrene	73		75		40-140	3		50
Pyrene	79		76		35-142	4		50
Biphenyl	79		76		54-104	4		50
4-Chloroaniline	70		33	Q	40-140	72	Q	50
2-Nitroaniline	90		86		47-134	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1112148-2 WG1112148-3								
3-Nitroaniline	60		53		26-129	12		50
4-Nitroaniline	79		74		41-125	7		50
Dibenzofuran	78		74		40-140	5		50
2-Methylnaphthalene	74		72		40-140	3		50
1,2,4,5-Tetrachlorobenzene	91		87		40-117	4		50
Acetophenone	78		76		14-144	3		50
2,4,6-Trichlorophenol	91		88		30-130	3		50
p-Chloro-m-cresol	87		84		26-103	4		50
2-Chlorophenol	74		72		25-102	3		50
2,4-Dichlorophenol	81		77		30-130	5		50
2,4-Dimethylphenol	83		81		30-130	2		50
2-Nitrophenol	84		82		30-130	2		50
4-Nitrophenol	94		90		11-114	4		50
2,4-Dinitrophenol	73		70		4-130	4		50
4,6-Dinitro-o-cresol	100		94		10-130	6		50
Pentachlorophenol	95		90		17-109	5		50
Phenol	78		75		26-90	4		50
2-Methylphenol	80		78		30-130	3		50
3-Methylphenol/4-Methylphenol	80		77		30-130	4		50
2,4,5-Trichlorophenol	95		95		30-130	0		50
Benzoic Acid	35		33		10-110	6		50
Benzyl Alcohol	85		83		40-140	2		50
Carbazole	73		69		54-128	6		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1112148-2 WG1112148-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		69		25-120
Phenol-d6	79		76		10-120
Nitrobenzene-d5	85		84		23-120
2-Fluorobiphenyl	82		79		30-120
2,4,6-Tribromophenol	95		90		10-136
4-Terphenyl-d14	94		88		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1112157-2 WG1112157-3								
Acenaphthene	77		71		37-111	8		30
1,2,4-Trichlorobenzene	73		63		39-98	15		30
Hexachlorobenzene	78		74		40-140	5		30
Bis(2-chloroethyl)ether	73		63		40-140	15		30
2-Chloronaphthalene	74		68		40-140	8		30
1,2-Dichlorobenzene	74		62		40-140	18		30
1,3-Dichlorobenzene	72		60		40-140	18		30
1,4-Dichlorobenzene	72		60		36-97	18		30
3,3'-Dichlorobenzidine	65		60		40-140	8		30
2,4-Dinitrotoluene	80		76		48-143	5		30
2,6-Dinitrotoluene	79		75		40-140	5		30
Fluoranthene	82		75		40-140	9		30
4-Chlorophenyl phenyl ether	78		73		40-140	7		30
4-Bromophenyl phenyl ether	82		77		40-140	6		30
Bis(2-chloroisopropyl)ether	75		64		40-140	16		30
Bis(2-chloroethoxy)methane	75		67		40-140	11		30
Hexachlorobutadiene	75		65		40-140	14		30
Hexachlorocyclopentadiene	79		68		40-140	15		30
Hexachloroethane	71		60		40-140	17		30
Isophorone	76		67		40-140	13		30
Naphthalene	74		65		40-140	13		30
Nitrobenzene	72		62		40-140	15		30
NDPA/DPA	78		72		40-140	8		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1112157-2 WG1112157-3								
n-Nitrosodi-n-propylamine	75		65		29-132	14		30
Bis(2-ethylhexyl)phthalate	90		85		40-140	6		30
Butyl benzyl phthalate	86		80		40-140	7		30
Di-n-butylphthalate	84		78		40-140	7		30
Di-n-octylphthalate	90		84		40-140	7		30
Diethyl phthalate	80		74		40-140	8		30
Dimethyl phthalate	79		74		40-140	7		30
Benzo(a)anthracene	81		75		40-140	8		30
Benzo(a)pyrene	79		74		40-140	7		30
Benzo(b)fluoranthene	78		73		40-140	7		30
Benzo(k)fluoranthene	82		76		40-140	8		30
Chrysene	80		76		40-140	5		30
Acenaphthylene	78		71		45-123	9		30
Anthracene	82		76		40-140	8		30
Benzo(ghi)perylene	81		75		40-140	8		30
Fluorene	77		72		40-140	7		30
Phenanthrene	81		75		40-140	8		30
Dibenzo(a,h)anthracene	80		75		40-140	6		30
Indeno(1,2,3-cd)pyrene	83		74		40-140	11		30
Pyrene	81		74		26-127	9		30
Biphenyl	78		71		40-140	9		30
4-Chloroaniline	68		62		40-140	9		30
2-Nitroaniline	79		73		52-143	8		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1112157-2 WG1112157-3								
3-Nitroaniline	69		64		25-145	8		30
4-Nitroaniline	75		71		51-143	5		30
Dibenzofuran	78		72		40-140	8		30
2-Methylnaphthalene	76		69		40-140	10		30
1,2,4,5-Tetrachlorobenzene	78		70		2-134	11		30
Acetophenone	77		68		39-129	12		30
2,4,6-Trichlorophenol	79		72		30-130	9		30
p-Chloro-m-cresol	78		70		23-97	11		30
2-Chlorophenol	72		62		27-123	15		30
2,4-Dichlorophenol	77		68		30-130	12		30
2,4-Dimethylphenol	75		66		30-130	13		30
2-Nitrophenol	75		66		30-130	13		30
4-Nitrophenol	47		44		10-80	7		30
2,4-Dinitrophenol	54		51		20-130	6		30
4,6-Dinitro-o-cresol	84		76		20-164	10		30
Pentachlorophenol	66		60		9-103	10		30
Phenol	36		32		12-110	12		30
2-Methylphenol	68		60		30-130	13		30
3-Methylphenol/4-Methylphenol	64		57		30-130	12		30
2,4,5-Trichlorophenol	82		74		30-130	10		30
Benzoic Acid	24		22		10-164	9		30
Benzyl Alcohol	67		60		26-116	11		30
Carbazole	82		76		55-144	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09-11 Batch: WG1112157-2 WG1112157-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		43		21-120
Phenol-d6	33		30		10-120
Nitrobenzene-d5	72		63		23-120
2-Fluorobiphenyl	77		71		15-120
2,4,6-Tribromophenol	79		74		10-120
4-Terphenyl-d14	88		83		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-11 Batch: WG1112158-2 WG1112158-3								
Acenaphthene	59		54		40-140	9		40
2-Chloronaphthalene	53		49		40-140	8		40
Fluoranthene	60		55		40-140	9		40
Hexachlorobutadiene	48		45		40-140	6		40
Naphthalene	50		46		40-140	8		40
Benzo(a)anthracene	54		49		40-140	10		40
Benzo(a)pyrene	53		51		40-140	4		40
Benzo(b)fluoranthene	52		49		40-140	6		40
Benzo(k)fluoranthene	54		52		40-140	4		40
Chrysene	55		50		40-140	10		40
Acenaphthylene	59		55		40-140	7		40
Anthracene	58		52		40-140	11		40
Benzo(ghi)perylene	56		52		40-140	7		40
Fluorene	62		57		40-140	8		40
Phenanthrene	54		50		40-140	8		40
Dibenzo(a,h)anthracene	58		55		40-140	5		40
Indeno(1,2,3-cd)pyrene	55		52		40-140	6		40
Pyrene	58		53		40-140	9		40
2-Methylnaphthalene	53		49		40-140	8		40
Pentachlorophenol	56		51		40-140	9		40
Hexachlorobenzene	54		49		40-140	10		40
Hexachloroethane	46		43		40-140	7		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09-11 Batch: WG1112158-2 WG1112158-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	28		31		21-120
Phenol-d6	20		23		10-120
Nitrobenzene-d5	51		51		23-120
2-Fluorobiphenyl	47		47		15-120
2,4,6-Tribromophenol	63		60		10-120
4-Terphenyl-d14	56		56		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-14 Batch: WG1112698-2 WG1112698-3								
Acenaphthene	85		88		37-111	3		30
1,2,4-Trichlorobenzene	76		75		39-98	1		30
Hexachlorobenzene	89		92		40-140	3		30
Bis(2-chloroethyl)ether	81		81		40-140	0		30
2-Chloronaphthalene	82		82		40-140	0		30
1,2-Dichlorobenzene	76		76		40-140	0		30
1,3-Dichlorobenzene	73		73		40-140	0		30
1,4-Dichlorobenzene	72		74		36-97	3		30
3,3'-Dichlorobenzidine	81		85		40-140	5		30
2,4-Dinitrotoluene	107		114		48-143	6		30
2,6-Dinitrotoluene	100		104		40-140	4		30
Fluoranthene	89		94		40-140	5		30
4-Chlorophenyl phenyl ether	86		89		40-140	3		30
4-Bromophenyl phenyl ether	90		94		40-140	4		30
Bis(2-chloroisopropyl)ether	83		82		40-140	1		30
Bis(2-chloroethoxy)methane	86		84		40-140	2		30
Hexachlorobutadiene	76		76		40-140	0		30
Hexachlorocyclopentadiene	86		84		40-140	2		30
Hexachloroethane	78		78		40-140	0		30
Isophorone	89		87		40-140	2		30
Naphthalene	80		81		40-140	1		30
Nitrobenzene	94		91		40-140	3		30
NDPA/DPA	90		92		40-140	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-14 Batch: WG1112698-2 WG1112698-3								
n-Nitrosodi-n-propylamine	88		87		29-132	1		30
Bis(2-ethylhexyl)phthalate	103		107		40-140	4		30
Butyl benzyl phthalate	101		107		40-140	6		30
Di-n-butylphthalate	97		101		40-140	4		30
Di-n-octylphthalate	102		106		40-140	4		30
Diethyl phthalate	92		97		40-140	5		30
Dimethyl phthalate	89		89		40-140	0		30
Benzo(a)anthracene	88		92		40-140	4		30
Benzo(a)pyrene	94		100		40-140	6		30
Benzo(b)fluoranthene	86		91		40-140	6		30
Benzo(k)fluoranthene	98		103		40-140	5		30
Chrysene	88		92		40-140	4		30
Acenaphthylene	90		90		45-123	0		30
Anthracene	89		94		40-140	5		30
Benzo(ghi)perylene	89		95		40-140	7		30
Fluorene	90		92		40-140	2		30
Phenanthrene	86		88		40-140	2		30
Dibenzo(a,h)anthracene	90		96		40-140	6		30
Indeno(1,2,3-cd)pyrene	96		104		40-140	8		30
Pyrene	86		91		26-127	6		30
Biphenyl	87		86		40-140	1		30
4-Chloroaniline	74		74		40-140	0		30
2-Nitroaniline	105		106		52-143	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-14 Batch: WG1112698-2 WG1112698-3								
3-Nitroaniline	88		85		25-145	3		30
4-Nitroaniline	88		94		51-143	7		30
Dibenzofuran	88		90		40-140	2		30
2-Methylnaphthalene	84		84		40-140	0		30
1,2,4,5-Tetrachlorobenzene	86		85		2-134	1		30
Acetophenone	89		89		39-129	0		30
2,4,6-Trichlorophenol	42		95		30-130	77	Q	30
p-Chloro-m-cresol	86		96		23-97	11		30
2-Chlorophenol	50		85		27-123	52	Q	30
2,4-Dichlorophenol	53		91		30-130	53	Q	30
2,4-Dimethylphenol	91		89		30-130	2		30
2-Nitrophenol	54		107		30-130	66	Q	30
4-Nitrophenol	38		80		10-80	71	Q	30
2,4-Dinitrophenol	46		118		20-130	88	Q	30
4,6-Dinitro-o-cresol	53		126		20-164	82	Q	30
Pentachlorophenol	34		83		9-103	84	Q	30
Phenol	30		42		12-110	33	Q	30
2-Methylphenol	72		77		30-130	7		30
3-Methylphenol/4-Methylphenol	72		77		30-130	7		30
2,4,5-Trichlorophenol	48		98		30-130	68	Q	30
Benzoic Acid	17		44		10-164	89	Q	30
Benzyl Alcohol	84		83		26-116	1		30
Carbazole	88		93		55-144	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-14 Batch: WG1112698-2 WG1112698-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	30		62		21-120
Phenol-d6	32		44		10-120
Nitrobenzene-d5	106		102		23-120
2-Fluorobiphenyl	97		96		15-120
2,4,6-Tribromophenol	51		113		10-120
4-Terphenyl-d14	107		110		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 12-14 Batch: WG1112700-2 WG1112700-3								
Acenaphthene	90		88		40-140	2		40
2-Chloronaphthalene	76		74		40-140	3		40
Fluoranthene	94		96		40-140	2		40
Hexachlorobutadiene	64		62		40-140	3		40
Naphthalene	74		71		40-140	4		40
Benzo(a)anthracene	85		88		40-140	3		40
Benzo(a)pyrene	88		90		40-140	2		40
Benzo(b)fluoranthene	87		88		40-140	1		40
Benzo(k)fluoranthene	90		92		40-140	2		40
Chrysene	88		89		40-140	1		40
Acenaphthylene	87		85		40-140	2		40
Anthracene	90		90		40-140	0		40
Benzo(ghi)perylene	90		92		40-140	2		40
Fluorene	94		92		40-140	2		40
Phenanthrene	85		85		40-140	0		40
Dibenzo(a,h)anthracene	94		96		40-140	2		40
Indeno(1,2,3-cd)pyrene	90		92		40-140	2		40
Pyrene	91		93		40-140	2		40
2-Methylnaphthalene	76		74		40-140	3		40
Pentachlorophenol	95		96		40-140	1		40
Hexachlorobenzene	85		84		40-140	1		40
Hexachloroethane	64		60		40-140	6		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 12-14 Batch: WG1112700-2 WG1112700-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		45		21-120
Phenol-d6	35		34		10-120
Nitrobenzene-d5	82		79		23-120
2-Fluorobiphenyl	75		75		15-120
2,4,6-Tribromophenol	100		101		10-120
4-Terphenyl-d14	95		98		41-149

PCBS

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-01
Client ID: SB-2 (17.5-19.5)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 08:50
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 12:37
Analyst: WR
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/03/18 11:08
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.7	4.62	1	A
Aroclor 1221	ND		ug/kg	40.7	6.20	1	A
Aroclor 1232	ND		ug/kg	40.7	4.00	1	A
Aroclor 1242	ND		ug/kg	40.7	4.98	1	A
Aroclor 1248	ND		ug/kg	40.7	4.57	1	A
Aroclor 1254	ND		ug/kg	40.7	3.32	1	A
Aroclor 1260	ND		ug/kg	40.7	4.25	1	A
Aroclor 1262	ND		ug/kg	40.7	3.35	1	A
Aroclor 1268	ND		ug/kg	40.7	2.88	1	A
PCBs, Total	ND		ug/kg	40.7	2.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-03
Client ID: SB-1 (12-14)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 11:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 12:51
Analyst: WR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/03/18 11:08
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	4.22	1	A
Aroclor 1221	ND		ug/kg	37.2	5.67	1	A
Aroclor 1232	ND		ug/kg	37.2	3.66	1	A
Aroclor 1242	ND		ug/kg	37.2	4.56	1	A
Aroclor 1248	ND		ug/kg	37.2	4.18	1	A
Aroclor 1254	80.2		ug/kg	37.2	3.04	1	A
Aroclor 1260	37.2		ug/kg	37.2	3.89	1	B
Aroclor 1262	ND		ug/kg	37.2	3.06	1	A
Aroclor 1268	15.0	J	ug/kg	37.2	2.64	1	A
PCBs, Total	132	J	ug/kg	37.2	2.64	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	126		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-05
Client ID: SB-5 (18-20)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 13:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 13:04
Analyst: WR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/03/18 11:08
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.7	4.50	1	A
Aroclor 1221	ND		ug/kg	39.7	6.04	1	A
Aroclor 1232	ND		ug/kg	39.7	3.90	1	A
Aroclor 1242	ND		ug/kg	39.7	4.86	1	A
Aroclor 1248	ND		ug/kg	39.7	4.45	1	A
Aroclor 1254	ND		ug/kg	39.7	3.24	1	A
Aroclor 1260	ND		ug/kg	39.7	4.14	1	A
Aroclor 1262	ND		ug/kg	39.7	3.26	1	A
Aroclor 1268	ND		ug/kg	39.7	2.81	1	A
PCBs, Total	ND		ug/kg	39.7	2.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-07
Client ID: SB-6 (17-19)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:30
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/04/18 13:18
Analyst: WR
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/03/18 11:08
Cleanup Method: EPA 3665A
Cleanup Date: 05/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	4.41	1	A
Aroclor 1221	ND		ug/kg	38.9	5.92	1	A
Aroclor 1232	ND		ug/kg	38.9	3.83	1	A
Aroclor 1242	ND		ug/kg	38.9	4.76	1	A
Aroclor 1248	ND		ug/kg	38.9	4.37	1	A
Aroclor 1254	ND		ug/kg	38.9	3.18	1	A
Aroclor 1260	ND		ug/kg	38.9	4.06	1	A
Aroclor 1262	ND		ug/kg	38.9	3.20	1	A
Aroclor 1268	ND		ug/kg	38.9	2.76	1	A
PCBs, Total	ND		ug/kg	38.9	2.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-09
Client ID: SB-10/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/18 19:43
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 05/03/18 17:52
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-10
Client ID: SB-4/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/18 19:56
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 05/03/18 17:52
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-11
Client ID: SB-5/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/04/18 20:10
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 05/03/18 17:52
Cleanup Method: EPA 3665A
Cleanup Date: 05/04/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-12
 Client ID: SB-10/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/06/18 23:04
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 17:12
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/05/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-13
 Client ID: SB-4/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/06/18 23:17
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 17:12
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/05/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	107		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-14
 Client ID: SB-5/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/06/18 23:30
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 17:12
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/05/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/04/18 20:51
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 05/02/18 12:15
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1111835-1						
Aroclor 1016	ND		ug/kg	31.8	3.61	A
Aroclor 1221	ND		ug/kg	31.8	4.84	A
Aroclor 1232	ND		ug/kg	31.8	3.13	A
Aroclor 1242	ND		ug/kg	31.8	3.89	A
Aroclor 1248	ND		ug/kg	31.8	3.57	A
Aroclor 1254	ND		ug/kg	31.8	2.60	A
Aroclor 1260	ND		ug/kg	31.8	3.32	A
Aroclor 1262	ND		ug/kg	31.8	2.61	A
Aroclor 1268	ND		ug/kg	31.8	2.25	A
PCBs, Total	ND		ug/kg	31.8	2.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/04/18 09:29
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 17:52
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/04/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09-14 Batch: WG1112395-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	82		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1111835-2 WG1111835-3									
Aroclor 1016	77		81		40-140	5		50	A
Aroclor 1260	76		79		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		92		30-150	A
Decachlorobiphenyl	90		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		88		30-150	B
Decachlorobiphenyl	99		102		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09-14 Batch: WG1112395-2 WG1112395-3									
Aroclor 1016	85		82		40-140	3		50	A
Aroclor 1260	75		77		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		77		30-150	A
Decachlorobiphenyl	62		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		82		30-150	B
Decachlorobiphenyl	67		73		30-150	B

PESTICIDES

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-01
Client ID: SB-2 (17.5-19.5)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 08:50
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/05/18 01:02
Analyst: KEG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 05/03/18 12:51
Cleanup Method: EPA 3620B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.92	0.377	1	A
Lindane	ND		ug/kg	0.802	0.358	1	A
Alpha-BHC	ND		ug/kg	0.802	0.228	1	A
Beta-BHC	ND		ug/kg	1.92	0.730	1	A
Heptachlor	ND		ug/kg	0.962	0.431	1	A
Aldrin	ND		ug/kg	1.92	0.678	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	ND		ug/kg	0.802	0.329	1	A
Endrin aldehyde	ND		ug/kg	2.40	0.842	1	A
Endrin ketone	ND		ug/kg	1.92	0.496	1	A
Dieldrin	ND		ug/kg	1.20	0.601	1	A
4,4'-DDE	ND		ug/kg	1.92	0.445	1	A
4,4'-DDD	ND		ug/kg	1.92	0.686	1	A
4,4'-DDT	ND		ug/kg	3.61	1.55	1	A
Endosulfan I	ND		ug/kg	1.92	0.455	1	A
Endosulfan II	ND		ug/kg	1.92	0.643	1	A
Endosulfan sulfate	ND		ug/kg	0.802	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.40	0.670	1	A
trans-Chlordane	ND		ug/kg	2.40	0.635	1	A
Chlordane	ND		ug/kg	15.6	6.38	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-01

Date Collected: 05/02/18 08:50

Client ID: SB-2 (17.5-19.5)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	110		30-150	B
Decachlorobiphenyl	102		30-150	B
2,4,5,6-Tetrachloro-m-xylene	110		30-150	A
Decachlorobiphenyl	92		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-03
Client ID: SB-1 (12-14)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 11:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/05/18 01:15
Analyst: KEG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/03/18 12:51
Cleanup Method: EPA 3620B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	4.25	P	ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	13.0	P	ug/kg	3.32	0.997	1	A
Endrin	ND		ug/kg	0.738	0.303	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	146		ug/kg	1.11	0.554	1	B
4,4'-DDE	37.6		ug/kg	1.77	0.410	1	B
4,4'-DDD	12.5	PI	ug/kg	1.77	0.632	1	A
4,4'-DDT	223	E	ug/kg	3.32	1.42	1	B
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.352	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	84.0	PI	ug/kg	2.22	0.617	1	B
trans-Chlordane	65.5	PI	ug/kg	2.22	0.585	1	A
Chlordane	ND		ug/kg	14.4	5.87	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-03

Date Collected: 05/02/18 11:00

Client ID: SB-1 (12-14)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	107		30-150	B
Decachlorobiphenyl	157	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	140		30-150	A

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-03 D

Client ID: SB-1 (12-14)

Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 11:00

Date Received: 05/02/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8081B

Analytical Date: 05/08/18 16:20

Analyst: KEG

Percent Solids: 89%

Extraction Method: EPA 3546

Extraction Date: 05/03/18 12:51

Cleanup Method: EPA 3620B

Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	307		ug/kg	16.6	7.13	5	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-05
Client ID: SB-5 (18-20)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 13:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/05/18 01:27
Analyst: KEG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/03/18 12:51
Cleanup Method: EPA 3620B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	ND		ug/kg	1.85	0.427	1	A
4,4'-DDD	ND		ug/kg	1.85	0.659	1	A
4,4'-DDT	ND		ug/kg	3.46	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.70	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.0	6.12	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-05

Date Collected: 05/02/18 13:00

Client ID: SB-5 (18-20)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	101		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-07
Client ID: SB-6 (17-19)
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:30
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/05/18 01:40
Analyst: KEG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/03/18 12:51
Cleanup Method: EPA 3620B
Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.373	1	A
Lindane	ND		ug/kg	0.794	0.355	1	A
Alpha-BHC	ND		ug/kg	0.794	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.723	1	A
Heptachlor	ND		ug/kg	0.953	0.427	1	A
Aldrin	ND		ug/kg	1.91	0.671	1	A
Heptachlor epoxide	ND		ug/kg	3.57	1.07	1	A
Endrin	ND		ug/kg	0.794	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.38	0.834	1	A
Endrin ketone	ND		ug/kg	1.91	0.491	1	A
Dieldrin	ND		ug/kg	1.19	0.596	1	A
4,4'-DDE	ND		ug/kg	1.91	0.441	1	A
4,4'-DDD	ND		ug/kg	1.91	0.680	1	A
4,4'-DDT	ND		ug/kg	3.57	1.53	1	B
Endosulfan I	ND		ug/kg	1.91	0.450	1	A
Endosulfan II	ND		ug/kg	1.91	0.637	1	A
Endosulfan sulfate	ND		ug/kg	0.794	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	10.0	1	A
cis-Chlordane	ND		ug/kg	2.38	0.664	1	A
trans-Chlordane	ND		ug/kg	2.38	0.629	1	A
Chlordane	ND		ug/kg	15.5	6.31	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-07

Date Collected: 05/02/18 14:30

Client ID: SB-6 (17-19)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	121		30-150	B
Decachlorobiphenyl	111		30-150	B
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-09
Client ID: SB-10/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
Date Received: 05/02/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/07/18 00:52
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 05/04/18 12:15

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	0.007	J	ug/l	0.029	0.003	1	B
4,4'-DDE	ND		ug/l	0.029	0.003	1	B
4,4'-DDD	ND		ug/l	0.029	0.003	1	B
4,4'-DDT	0.017	J	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	0.008	J	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-09

Date Collected: 05/02/18 10:00

Client ID: SB-10/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	64		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-10
 Client ID: SB-4/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 01:05
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:15

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	0.021	J	ug/l	0.029	0.003	1	B
4,4'-DDE	0.009	J	ug/l	0.029	0.003	1	B
4,4'-DDD	0.003	J	ug/l	0.029	0.003	1	B
4,4'-DDT	0.038		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	0.006	J	ug/l	0.014	0.005	1	A
trans-Chlordane	0.006	J	ug/l	0.014	0.004	1	A
Chlordane	0.074	J	ug/l	0.143	0.033	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-10

Date Collected: 05/02/18 12:20

Client ID: SB-4/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	59		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-11
 Client ID: SB-5/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 01:17
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:15

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	0.006	J	ug/l	0.014	0.002	1	B
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	0.004	JPI	ug/l	0.014	0.003	1	B
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	0.116		ug/l	0.029	0.003	1	B
4,4'-DDD	0.027	J	ug/l	0.029	0.003	1	B
4,4'-DDT	0.496		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	0.086		ug/l	0.014	0.005	1	A
trans-Chlordane	0.054		ug/l	0.014	0.004	1	A
Chlordane	0.516		ug/l	0.143	0.033	1	B

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-11

Date Collected: 05/02/18 14:00

Client ID: SB-5/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-12
 Client ID: SB-10/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 18:18
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

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	0.008	J	ug/l	0.029	0.003	1	B
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	0.007	J	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-12
 Client ID: SB-10/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 10:00
 Date Received: 05/02/18
 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	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-13
 Client ID: SB-4/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 18:31
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

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	0.022	J	ug/l	0.029	0.003	1	B
4,4'-DDE	ND		ug/l	0.029	0.003	1	B
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.008	J	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	0.006	J	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: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-13
 Client ID: SB-4/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 12:20
 Date Received: 05/02/18
 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	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-14
 Client ID: SB-5/GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/02/18 14:00
 Date Received: 05/02/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 18:44
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

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	B
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	0.004	J	ug/l	0.029	0.003	1	B
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.010	J	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	0.006	J	ug/l	0.014	0.005	1	B
trans-Chlordane	0.005	J	ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-14

Date Collected: 05/02/18 14:00

Client ID: SB-5/GW FILTERED

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	53		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/04/18 23:46
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 05/03/18 12:51
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1112290-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.282	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.84	0.851	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.662	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.945	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.350	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	2.84	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.84	0.882	A
Toxaphene	ND		ug/kg	28.4	7.94	A
cis-Chlordane	ND		ug/kg	1.89	0.527	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.3	5.01	A

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/04/18 23:46
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 05/03/18 12:51
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1112290-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	92		30-150	A

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/07/18 00:14
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-11 Batch: WG1112697-1						
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
4,4'-DDT	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

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/07/18 00:14
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 09-11 Batch: WG1112697-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/07/18 17:41
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 12-14 Batch: WG1113101-1						
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
4,4'-DDT	0.015	J	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

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/07/18 17:41
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 12-14 Batch: WG1113101-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	46		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1112290-2 WG1112290-3									
Delta-BHC	117		122		30-150	4		30	A
Lindane	108		110		30-150	2		30	A
Alpha-BHC	114		118		30-150	3		30	A
Beta-BHC	159	Q	176	Q	30-150	10		30	A
Heptachlor	110		111		30-150	1		30	A
Aldrin	104		105		30-150	1		30	A
Heptachlor epoxide	111		112		30-150	1		30	A
Endrin	118		119		30-150	1		30	A
Endrin aldehyde	97		94		30-150	3		30	A
Endrin ketone	107		106		30-150	1		30	A
Dieldrin	116		118		30-150	2		30	A
4,4'-DDE	112		112		30-150	0		30	A
4,4'-DDD	119		120		30-150	1		30	A
4,4'-DDT	119		119		30-150	0		30	A
Endosulfan I	98		98		30-150	0		30	A
Endosulfan II	102		103		30-150	1		30	A
Endosulfan sulfate	96		100		30-150	4		30	A
Methoxychlor	127		128		30-150	1		30	A
cis-Chlordane	95		96		30-150	1		30	A
trans-Chlordane	60		62		30-150	3		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1112290-2 WG1112290-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	107		109		30-150	B
Decachlorobiphenyl	129		125		30-150	B
2,4,5,6-Tetrachloro-m-xylene	107		110		30-150	A
Decachlorobiphenyl	102		92		30-150	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11 Batch: WG1112697-2 WG1112697-3									
Delta-BHC	65		75		30-150	15		20	A
Lindane	63		73		30-150	15		20	A
Alpha-BHC	62		71		30-150	13		20	A
Beta-BHC	62		68		30-150	9		20	A
Heptachlor	58		69		30-150	18		20	A
Aldrin	57		66		30-150	16		20	A
Heptachlor epoxide	60		70		30-150	15		20	A
Endrin	66		77		30-150	16		20	A
Endrin aldehyde	48		60		30-150	22	Q	20	A
Endrin ketone	66		76		30-150	15		20	A
Dieldrin	62		73		30-150	17		20	A
4,4'-DDE	57		67		30-150	17		20	A
4,4'-DDD	62		74		30-150	17		20	A
4,4'-DDT	69		80		30-150	15		20	A
Endosulfan I	55		65		30-150	16		20	A
Endosulfan II	57		66		30-150	15		20	A
Endosulfan sulfate	53		63		30-150	17		20	A
Methoxychlor	87		101		30-150	14		20	A
cis-Chlordane	49		62		30-150	23	Q	20	A
trans-Chlordane	45		60		30-150	28	Q	20	A

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 09-11 Batch: WG1112697-2 WG1112697-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		58		30-150	A
Decachlorobiphenyl	53		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		62		30-150	B
Decachlorobiphenyl	56		61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12-14 Batch: WG1113101-2 WG1113101-3									
Delta-BHC	78		73		30-150	6		20	A
Lindane	76		71		30-150	6		20	A
Alpha-BHC	75		70		30-150	7		20	A
Beta-BHC	72		71		30-150	2		20	A
Heptachlor	70		67		30-150	5		20	A
Aldrin	71		66		30-150	7		20	A
Heptachlor epoxide	72		69		30-150	4		20	A
Endrin	78		78		30-150	1		20	A
Endrin aldehyde	51		48		30-150	7		20	A
Endrin ketone	71		71		30-150	0		20	A
Dieldrin	75		72		30-150	3		20	A
4,4'-DDE	69		64		30-150	6		20	A
4,4'-DDD	70		68		30-150	2		20	A
4,4'-DDT	66		66		30-150	0		20	A
Endosulfan I	73		66		30-150	9		20	A
Endosulfan II	63		63		30-150	0		20	A
Endosulfan sulfate	62		62		30-150	0		20	A
Methoxychlor	85		99		30-150	16		20	A
cis-Chlordane	65		61		30-150	6		20	A
trans-Chlordane	67		63		30-150	6		20	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12-14 Batch: WG1113101-2 WG1113101-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		56		30-150	A
Decachlorobiphenyl	54		56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		52		30-150	B
Decachlorobiphenyl	54		54		30-150	B

METALS

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-01

Date Collected: 05/02/18 08:50

Client ID: SB-2 (17.5-19.5)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	3700		mg/kg	9.65	2.60	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.82	0.367	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Arsenic, Total	0.772	J	mg/kg	0.965	0.201	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Barium, Total	29.1		mg/kg	0.965	0.168	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Beryllium, Total	0.135	J	mg/kg	0.482	0.032	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.965	0.095	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Calcium, Total	791		mg/kg	9.65	3.38	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Chromium, Total	12.6		mg/kg	0.965	0.093	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Cobalt, Total	4.36		mg/kg	1.93	0.160	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Copper, Total	13.0		mg/kg	0.965	0.249	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Iron, Total	7630		mg/kg	4.82	0.871	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Lead, Total	2.85	J	mg/kg	4.82	0.259	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Magnesium, Total	1550		mg/kg	9.65	1.49	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Manganese, Total	327		mg/kg	0.965	0.153	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.077	0.016	1	05/04/18 07:20	05/04/18 12:25	EPA 7471B	1,7471B	MG
Nickel, Total	8.88		mg/kg	2.41	0.234	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Potassium, Total	391		mg/kg	241	13.9	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.93	0.249	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.965	0.273	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Sodium, Total	73.5	J	mg/kg	193	3.04	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.93	0.304	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Vanadium, Total	12.9		mg/kg	0.965	0.196	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC
Zinc, Total	13.7		mg/kg	4.82	0.283	2	05/03/18 18:52	05/04/18 00:32	EPA 3050B	1,6010C	MC



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-03

Date Collected: 05/02/18 11:00

Client ID: SB-1 (12-14)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	4720		mg/kg	8.81	2.38	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Antimony, Total	1.54	J	mg/kg	4.40	0.335	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Arsenic, Total	5.07		mg/kg	0.881	0.183	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Barium, Total	418		mg/kg	0.881	0.153	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Beryllium, Total	0.150	J	mg/kg	0.440	0.029	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Cadmium, Total	0.740	J	mg/kg	0.881	0.086	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Calcium, Total	17400		mg/kg	8.81	3.08	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Chromium, Total	20.8		mg/kg	0.881	0.085	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Cobalt, Total	4.55		mg/kg	1.76	0.146	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Copper, Total	30.8		mg/kg	0.881	0.227	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Iron, Total	9730		mg/kg	4.40	0.795	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Lead, Total	820		mg/kg	4.40	0.236	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Magnesium, Total	2710		mg/kg	8.81	1.36	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Manganese, Total	205		mg/kg	0.881	0.140	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Mercury, Total	0.302		mg/kg	0.072	0.015	1	05/04/18 07:20	05/04/18 12:30	EPA 7471B	1,7471B	MG
Nickel, Total	9.40		mg/kg	2.20	0.213	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Potassium, Total	495		mg/kg	220	12.7	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Selenium, Total	0.370	J	mg/kg	1.76	0.227	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Silver, Total	0.396	J	mg/kg	0.881	0.249	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Sodium, Total	259		mg/kg	176	2.77	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.76	0.277	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Vanadium, Total	16.6		mg/kg	0.881	0.179	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC
Zinc, Total	617		mg/kg	4.40	0.258	2	05/03/18 18:52	05/04/18 00:36	EPA 3050B	1,6010C	MC



Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-05

Date Collected: 05/02/18 13:00

Client ID: SB-5 (18-20)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	2470		mg/kg	9.60	2.59	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.80	0.365	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Arsenic, Total	1.52		mg/kg	0.960	0.200	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Barium, Total	28.1		mg/kg	0.960	0.167	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Beryllium, Total	0.154	J	mg/kg	0.480	0.032	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.960	0.094	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Calcium, Total	488		mg/kg	9.60	3.36	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Chromium, Total	6.96		mg/kg	0.960	0.092	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Cobalt, Total	2.57		mg/kg	1.92	0.159	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Copper, Total	9.85		mg/kg	0.960	0.248	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Iron, Total	6110		mg/kg	4.80	0.867	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Lead, Total	2.28	J	mg/kg	4.80	0.257	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Magnesium, Total	1160		mg/kg	9.60	1.48	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Manganese, Total	296		mg/kg	0.960	0.153	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.076	0.016	1	05/04/18 07:20	05/04/18 12:32	EPA 7471B	1,7471B	MG
Nickel, Total	6.49		mg/kg	2.40	0.232	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Potassium, Total	381		mg/kg	240	13.8	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.92	0.248	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.960	0.272	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Sodium, Total	47.3	J	mg/kg	192	3.02	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.92	0.302	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Vanadium, Total	9.12		mg/kg	0.960	0.195	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC
Zinc, Total	9.39		mg/kg	4.80	0.281	2	05/03/18 18:52	05/04/18 00:40	EPA 3050B	1,6010C	MC



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-07

Date Collected: 05/02/18 14:30

Client ID: SB-6 (17-19)

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

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	2600		mg/kg	9.23	2.49	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.61	0.351	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Arsenic, Total	0.637	J	mg/kg	0.923	0.192	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Barium, Total	24.8		mg/kg	0.923	0.160	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Beryllium, Total	0.157	J	mg/kg	0.461	0.030	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.923	0.090	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Calcium, Total	697		mg/kg	9.23	3.23	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Chromium, Total	10.8		mg/kg	0.923	0.089	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Cobalt, Total	2.91		mg/kg	1.84	0.153	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Copper, Total	8.08		mg/kg	0.923	0.238	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Iron, Total	7440		mg/kg	4.61	0.833	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Lead, Total	2.52	J	mg/kg	4.61	0.247	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Magnesium, Total	1170		mg/kg	9.23	1.42	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Manganese, Total	278		mg/kg	0.923	0.147	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.076	0.016	1	05/04/18 07:20	05/04/18 12:34	EPA 7471B	1,7471B	MG
Nickel, Total	7.70		mg/kg	2.31	0.223	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Potassium, Total	349		mg/kg	231	13.3	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.84	0.238	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.923	0.261	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Sodium, Total	48.4	J	mg/kg	184	2.91	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.84	0.291	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Vanadium, Total	10.5		mg/kg	0.923	0.187	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC
Zinc, Total	10.3		mg/kg	4.61	0.270	2	05/03/18 18:52	05/04/18 00:45	EPA 3050B	1,6010C	MC



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-09

Date Collected: 05/02/18 10:00

Client ID: SB-10/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.52		mg/l	0.0100	0.00327	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Antimony, Total	0.00229	J	mg/l	0.00400	0.00042	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00184		mg/l	0.00050	0.00016	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Barium, Total	0.6438		mg/l	0.00050	0.00017	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00024	J	mg/l	0.00050	0.00010	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00048		mg/l	0.00020	0.00005	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Calcium, Total	56.5		mg/l	0.100	0.0394	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Chromium, Total	0.01188		mg/l	0.00100	0.00017	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00326		mg/l	0.00050	0.00016	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Copper, Total	0.01229		mg/l	0.00150	0.00038	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Iron, Total	3.58		mg/l	0.0500	0.0191	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Lead, Total	0.07415		mg/l	0.00100	0.00034	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Magnesium, Total	12.3		mg/l	0.0700	0.0242	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Manganese, Total	0.4717		mg/l	0.00100	0.00044	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Mercury, Total	0.00013	J	mg/l	0.00020	0.00006	1	05/03/18 11:51	05/03/18 17:21	EPA 7470A	1,7470A	MG
Nickel, Total	0.00679		mg/l	0.00200	0.00055	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Potassium, Total	3.78		mg/l	0.100	0.0309	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Selenium, Total	0.00537		mg/l	0.00500	0.00173	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Sodium, Total	58.0		mg/l	0.100	0.0293	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Thallium, Total	0.00014	J	mg/l	0.00050	0.00014	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Vanadium, Total	0.00852		mg/l	0.00500	0.00157	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Zinc, Total	0.2047		mg/l	0.01000	0.00341	1	05/04/18 08:20	05/07/18 14:03	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00644	J	mg/l	0.0100	0.00327	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00085	J	mg/l	0.00400	0.00042	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00033	J	mg/l	0.00050	0.00016	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.03479		mg/l	0.00050	0.00017	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-09

Date Collected: 05/02/18 10:00

Client ID: SB-10/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00009	J	mg/l	0.00020	0.00005	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Calcium, Dissolved	55.3		mg/l	0.100	0.0394	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00181		mg/l	0.00100	0.00017	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00113		mg/l	0.00100	0.00038	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00049	J	mg/l	0.00100	0.00034	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	12.1		mg/l	0.0700	0.0242	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.01172		mg/l	0.00100	0.00044	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/03/18 14:59	05/03/18 18:43	EPA 7470A	1,7470A	MG
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Potassium, Dissolved	3.72		mg/l	0.100	0.0309	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.00469	J	mg/l	0.00500	0.00173	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Sodium, Dissolved	59.2		mg/l	0.100	0.0293	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.01080		mg/l	0.01000	0.00341	1	05/04/18 08:50	05/04/18 15:16	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-10

Date Collected: 05/02/18 12:20

Client ID: SB-4/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12.1		mg/l	0.0100	0.00327	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Antimony, Total	0.00178	J	mg/l	0.00400	0.00042	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00647		mg/l	0.00050	0.00016	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Barium, Total	3.150		mg/l	0.00050	0.00017	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00109		mg/l	0.00050	0.00010	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00121		mg/l	0.00020	0.00005	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Calcium, Total	58.9		mg/l	0.100	0.0394	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Chromium, Total	0.06841		mg/l	0.00100	0.00017	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Cobalt, Total	0.02128		mg/l	0.00050	0.00016	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Copper, Total	0.06640		mg/l	0.00150	0.00038	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Iron, Total	22.2		mg/l	0.0500	0.0191	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Lead, Total	0.2857		mg/l	0.00100	0.00034	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Magnesium, Total	8.47		mg/l	0.0700	0.0242	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Manganese, Total	0.8435		mg/l	0.00100	0.00044	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Mercury, Total	0.00026		mg/l	0.00020	0.00006	1	05/03/18 11:51	05/03/18 17:26	EPA 7470A	1,7470A	MG
Nickel, Total	0.03034		mg/l	0.00200	0.00055	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Potassium, Total	3.93		mg/l	0.100	0.0309	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Selenium, Total	0.00234	J	mg/l	0.00500	0.00173	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Silver, Total	0.00056		mg/l	0.00040	0.00016	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Sodium, Total	19.4		mg/l	0.100	0.0293	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Thallium, Total	0.00016	J	mg/l	0.00050	0.00014	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Vanadium, Total	0.04145		mg/l	0.00500	0.00157	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Zinc, Total	1.014		mg/l	0.01000	0.00341	1	05/04/18 08:20	05/07/18 14:06	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0251		mg/l	0.0100	0.00327	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00087	J	mg/l	0.00400	0.00042	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00055		mg/l	0.00050	0.00016	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.05897		mg/l	0.00050	0.00017	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-10

Date Collected: 05/02/18 12:20

Client ID: SB-4/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Calcium, Dissolved	25.6		mg/l	0.100	0.0394	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00348		mg/l	0.00100	0.00017	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00121		mg/l	0.00100	0.00038	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00034	J	mg/l	0.00100	0.00034	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	4.26		mg/l	0.0700	0.0242	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.00546		mg/l	0.00100	0.00044	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/03/18 14:59	05/03/18 18:49	EPA 7470A	1,7470A	MG
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Potassium, Dissolved	3.00		mg/l	0.100	0.0309	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Sodium, Dissolved	21.0		mg/l	0.100	0.0293	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00346	J	mg/l	0.01000	0.00341	1	05/04/18 08:50	05/04/18 15:20	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815645-11

Date Collected: 05/02/18 14:00

Client ID: SB-5/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8.82		mg/l	0.0100	0.00327	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Antimony, Total	0.00775		mg/l	0.00400	0.00042	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00985		mg/l	0.00050	0.00016	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Barium, Total	2.173		mg/l	0.00050	0.00017	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00086		mg/l	0.00050	0.00010	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00180		mg/l	0.00020	0.00005	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Calcium, Total	229.		mg/l	0.100	0.0394	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Chromium, Total	0.03572		mg/l	0.00100	0.00017	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Cobalt, Total	0.01661		mg/l	0.00050	0.00016	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Copper, Total	0.07874		mg/l	0.00150	0.00038	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Iron, Total	14.2		mg/l	0.0500	0.0191	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Lead, Total	1.558		mg/l	0.00100	0.00034	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Magnesium, Total	17.4		mg/l	0.0700	0.0242	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Manganese, Total	1.101		mg/l	0.00100	0.00044	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Mercury, Total	0.00092		mg/l	0.00020	0.00006	1	05/03/18 11:51	05/03/18 17:28	EPA 7470A	1,7470A	MG
Nickel, Total	0.02281		mg/l	0.00200	0.00055	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Potassium, Total	5.24		mg/l	0.100	0.0309	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Selenium, Total	0.00285	J	mg/l	0.00500	0.00173	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Silver, Total	0.00022	J	mg/l	0.00040	0.00016	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Sodium, Total	22.6		mg/l	0.100	0.0293	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Thallium, Total	0.00020	J	mg/l	0.00050	0.00014	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Vanadium, Total	0.03771		mg/l	0.00500	0.00157	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Zinc, Total	1.130		mg/l	0.01000	0.00341	1	05/04/18 08:20	05/07/18 14:10	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0120		mg/l	0.0100	0.00327	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00250	J	mg/l	0.00400	0.00042	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00045	J	mg/l	0.00050	0.00016	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.04316		mg/l	0.00050	0.00017	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815645-11

Date Collected: 05/02/18 14:00

Client ID: SB-5/GW

Date Received: 05/02/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Calcium, Dissolved	135.		mg/l	0.100	0.0394	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00327		mg/l	0.00100	0.00017	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00066		mg/l	0.00050	0.00016	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00141		mg/l	0.00100	0.00038	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00171		mg/l	0.00100	0.00034	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	12.1		mg/l	0.0700	0.0242	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.08581		mg/l	0.00100	0.00044	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/03/18 14:59	05/03/18 18:50	EPA 7470A	1,7470A	MG
Nickel, Dissolved	0.00098	J	mg/l	0.00200	0.00055	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Potassium, Dissolved	4.28		mg/l	0.100	0.0309	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Sodium, Dissolved	23.0		mg/l	0.100	0.0293	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00765	J	mg/l	0.01000	0.00341	1	05/04/18 08:50	05/04/18 15:24	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

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): 09-11 Batch: WG1112265-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	05/03/18 11:51	05/03/18 17:17	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 09-11 Batch: WG1112321-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Antimony, Dissolved	0.00132	J	mg/l	0.00400	0.00042	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Iron, Dissolved	0.0228	J	mg/l	0.0500	0.0191	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/04/18 08:50	05/04/18 13:58	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 09-11 Batch: WG1112336-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/03/18 14:59	05/03/18 18:40	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07 Batch: WG1112388-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Copper, Total	ND		mg/kg	0.400	0.103	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Iron, Total	1.65	J	mg/kg	2.00	0.361	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Manganese, Total	0.148	J	mg/kg	0.400	0.064	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Potassium, Total	ND		mg/kg	100	5.76	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Sodium, Total	4.03	J	mg/kg	80.0	1.26	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC



Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Zinc, Total	ND	mg/kg	2.00	0.117	1	05/03/18 18:52	05/03/18 22:44	1,6010C	MC
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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): 01,03,05,07 Batch: WG1112501-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	05/04/18 07:20	05/04/18 11:11	1,7471B	MG

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): 09-11 Batch: WG1112539-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Antimony, Total	0.00085	J	mg/l	0.00400	0.00042	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Copper, Total	ND		mg/l	0.00150	0.00038	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM



Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18

Method Blank Analysis Batch Quality Control

Thallium, Total	ND	mg/l	0.00050	0.00014	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM
Zinc, Total	ND	mg/l	0.01000	0.00341	1	05/04/18 08:20	05/07/18 13:08	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control**Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1112265-2								
Mercury, Total	81		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1112321-2					
Aluminum, Dissolved	98	-	80-120	-	
Antimony, Dissolved	100	-	80-120	-	
Arsenic, Dissolved	105	-	80-120	-	
Barium, Dissolved	100	-	80-120	-	
Beryllium, Dissolved	103	-	80-120	-	
Cadmium, Dissolved	105	-	80-120	-	
Calcium, Dissolved	100	-	80-120	-	
Chromium, Dissolved	96	-	80-120	-	
Cobalt, Dissolved	97	-	80-120	-	
Copper, Dissolved	95	-	80-120	-	
Iron, Dissolved	104	-	80-120	-	
Lead, Dissolved	106	-	80-120	-	
Magnesium, Dissolved	98	-	80-120	-	
Manganese, Dissolved	97	-	80-120	-	
Nickel, Dissolved	98	-	80-120	-	
Potassium, Dissolved	96	-	80-120	-	
Selenium, Dissolved	99	-	80-120	-	
Silver, Dissolved	107	-	80-120	-	
Sodium, Dissolved	95	-	80-120	-	
Thallium, Dissolved	101	-	80-120	-	
Vanadium, Dissolved	96	-	80-120	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1112321-2					
Zinc, Dissolved	100	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1112336-2					
Mercury, Dissolved	88	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1112388-2 SRM Lot Number: D098-540					
Aluminum, Total	60	-	47-153	-	
Antimony, Total	147	-	6-194	-	
Arsenic, Total	89	-	83-117	-	
Barium, Total	88	-	82-118	-	
Beryllium, Total	85	-	83-117	-	
Cadmium, Total	85	-	82-117	-	
Calcium, Total	85	-	81-118	-	
Chromium, Total	86	-	83-119	-	
Cobalt, Total	87	-	84-116	-	
Copper, Total	86	-	84-116	-	
Iron, Total	74	-	60-140	-	
Lead, Total	87	-	82-117	-	
Magnesium, Total	79	-	76-124	-	
Manganese, Total	85	-	82-118	-	
Nickel, Total	84	-	82-117	-	
Potassium, Total	72	-	69-131	-	
Selenium, Total	92	-	78-121	-	
Silver, Total	88	-	80-120	-	
Sodium, Total	88	-	74-126	-	
Thallium, Total	82	-	80-119	-	
Vanadium, Total	81	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1112388-2 SRM Lot Number: D098-540					
Zinc, Total	83	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 Batch: WG1112501-2 SRM Lot Number: D098-540					
Mercury, Total	94	-	50-149	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1112539-2					
Aluminum, Total	120	-	80-120	-	
Antimony, Total	111	-	80-120	-	
Arsenic, Total	110	-	80-120	-	
Barium, Total	106	-	80-120	-	
Beryllium, Total	107	-	80-120	-	
Cadmium, Total	116	-	80-120	-	
Calcium, Total	98	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	95	-	80-120	-	
Iron, Total	110	-	80-120	-	
Lead, Total	114	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	102	-	80-120	-	
Nickel, Total	101	-	80-120	-	
Potassium, Total	104	-	80-120	-	
Selenium, Total	113	-	80-120	-	
Silver, Total	101	-	80-120	-	
Sodium, Total	102	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 Batch: WG1112539-2					
Zinc, Total	107	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Lab Number: L1815645

Project Number: 2984.0001Y000

Report Date: 05/09/18

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): 09-11			QC Batch ID: WG1112265-3			QC Sample: L1815645-09			Client ID: SB-10/GW			
Mercury, Total	0.00013J	0.005	0.00451	90		-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1112321-3 WG1112321-4 QC Sample: L1815531-08 Client ID: MS Sample									
Aluminum, Dissolved	ND	2	2.12	106	2.13	106	75-125	0	20
Antimony, Dissolved	0.0021J	0.5	0.5635	113	0.5649	113	75-125	0	20
Arsenic, Dissolved	0.0007	0.12	0.1279	106	0.1307	108	75-125	2	20
Barium, Dissolved	0.4803	2	2.549	103	2.572	104	75-125	1	20
Beryllium, Dissolved	ND	0.05	0.05248	105	0.05358	107	75-125	2	20
Cadmium, Dissolved	ND	0.051	0.05395	106	0.05578	109	75-125	3	20
Calcium, Dissolved	185.	10	185	0	Q 182	0	Q 75-125	2	20
Chromium, Dissolved	ND	0.2	0.2012	101	0.2020	101	75-125	0	20
Cobalt, Dissolved	ND	0.5	0.4946	99	0.4973	99	75-125	1	20
Copper, Dissolved	ND	0.25	0.2394	96	0.2502	100	75-125	4	20
Iron, Dissolved	ND	1	1.09	109	1.07	107	75-125	2	20
Lead, Dissolved	ND	0.51	0.5755	113	0.5686	111	75-125	1	20
Magnesium, Dissolved	71.6	10	93.2	216	Q 94.8	232	Q 75-125	2	20
Manganese, Dissolved	0.2894	0.5	0.7989	102	0.7880	100	75-125	1	20
Nickel, Dissolved	ND	0.5	0.4948	99	0.4977	100	75-125	1	20
Potassium, Dissolved	7.67	10	18.4	107	18.0	103	75-125	2	20
Selenium, Dissolved	ND	0.12	0.124	103	0.122	102	75-125	2	20
Silver, Dissolved	ND	0.05	0.05554	111	0.05658	113	75-125	2	20
Sodium, Dissolved	928.	10	879	0	Q 881	0	Q 75-125	0	20
Thallium, Dissolved	ND	0.12	0.1261	105	0.1274	106	75-125	1	20
Vanadium, Dissolved	ND	0.5	0.5126	102	0.5128	102	75-125	0	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1112321-3 WG1112321-4 QC Sample: L1815531-08 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4865	97	0.4893	98	75-125	1	20
Dissolved Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1112336-3 QC Sample: L1815645-09 Client ID: SB-10/GW									
Mercury, Dissolved	ND	0.005	0.00438	88	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

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): 01,03,05,07 QC Batch ID: WG1112388-3 WG1112388-4 QC Sample: L1815462-05 Client ID: MS Sample											
Aluminum, Total	13600	562	17000	604	Q	18100	782	Q	75-125	6	20
Antimony, Total	2.11J	140	118	84		123	86		75-125	4	20
Arsenic, Total	32.3	33.7	64.6	96		67.4	102		75-125	4	20
Barium, Total	130.	562	595	83		625	86		75-125	5	20
Beryllium, Total	1.52	14	12.4	77		13.1	80		75-125	5	20
Cadmium, Total	1.28J	14.3	12.8	89		13.3	91		75-125	4	20
Calcium, Total	2760	2810	5310	91		5520	96		75-125	4	20
Chromium, Total	110.	56.2	164	96		170	104		75-125	4	20
Cobalt, Total	17.2	140	122	74	Q	127	76		75-125	4	20
Copper, Total	331.	70.3	423	131	Q	429	136	Q	75-125	1	20
Iron, Total	26700	281	29200	889	Q	30200	1220	Q	75-125	3	20
Lead, Total	187.	143	308	84		318	89		75-125	3	20
Magnesium, Total	3320	2810	5600	81		5910	90		75-125	5	20
Manganese, Total	290.	140	415	89		432	99		75-125	4	20
Nickel, Total	41.5	140	147	75		152	77		75-125	3	20
Potassium, Total	1480	2810	3990	89		4170	94		75-125	4	20
Selenium, Total	3.56	33.7	33.0	87		34.1	88		75-125	3	20
Silver, Total	1.32J	84.4	79.5	94		83.3	96		75-125	5	20
Sodium, Total	137.J	2810	2570	91		2680	93		75-125	4	20
Thallium, Total	ND	33.7	23.4	69	Q	24.4	71	Q	75-125	4	20
Vanadium, Total	96.4	140	220	88		229	92		75-125	4	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

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): 01,03,05,07 QC Batch ID: WG1112388-3 WG1112388-4 QC Sample: L1815462-05 Client ID: MS Sample									
Zinc, Total	495.	140	636	100	658	113	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1112501-3 QC Sample: L1815667-01 Client ID: MS Sample									
Mercury, Total	0.047J	0.139	0.217	156	Q	-	80-120	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

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): 09-11			QC Batch ID: WG1112539-3			QC Sample: L1815780-01		Client ID: MS Sample		
Aluminum, Total	0.0363	2	2.07	102		-	-	75-125	-	20
Antimony, Total	0.00079J	0.5	0.6375	128	Q	-	-	75-125	-	20
Arsenic, Total	0.00028J	0.12	0.1300	108		-	-	75-125	-	20
Barium, Total	0.03337	2	2.081	102		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05393	108		-	-	75-125	-	20
Cadmium, Total	0.00025	0.051	0.05806	113		-	-	75-125	-	20
Calcium, Total	62.9	10	70.4	75		-	-	75-125	-	20
Chromium, Total	0.00029J	0.2	0.1970	98		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.4874	97		-	-	75-125	-	20
Copper, Total	0.00087J	0.25	0.2319	93		-	-	75-125	-	20
Iron, Total	0.128	1	1.06	93		-	-	75-125	-	20
Lead, Total	ND	0.51	0.5502	108		-	-	75-125	-	20
Magnesium, Total	3.19	10	13.6	104		-	-	75-125	-	20
Manganese, Total	1.029	0.5	1.442	83		-	-	75-125	-	20
Nickel, Total	0.00056J	0.5	0.4848	97		-	-	75-125	-	20
Potassium, Total	0.529	10	10.6	101		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.128	107		-	-	75-125	-	20
Silver, Total	ND	0.05	0.04889	98		-	-	75-125	-	20
Sodium, Total	0.635	10	9.78	91		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1148	96		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4727	94		-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

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): 09-11			QC Batch ID: WG1112539-3		QC Sample: L1815780-01		Client ID: MS Sample		
Zinc, Total	0.00815J	0.5	0.5473	109	-	-	75-125	-	20

Lab Duplicate Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1112265-4 QC Sample: L1815645-09 Client ID: SB-10/GW						
Mercury, Total	0.00013J	0.00018J	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1112336-4 QC Sample: L1815645-09 Client ID: SB-10/GW						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07 QC Batch ID: WG1112501-4 QC Sample: L1815667-01 Client ID: DUP Sample						
Mercury, Total	0.047J	0.049J	mg/kg	NC		20

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1815645
Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1112539-4 QC Sample: L1815780-01 Client ID: DUP Sample					
Aluminum, Total	0.0363	0.0382	mg/l	5	20
Antimony, Total	0.00079J	0.00145J	mg/l	NC	20
Arsenic, Total	0.00028J	0.00028J	mg/l	NC	20
Barium, Total	0.03337	0.03483	mg/l	4	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	0.00025	0.00026	mg/l	4	20
Calcium, Total	62.9	66.4	mg/l	5	20
Chromium, Total	0.00029J	0.00037J	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	0.00087J	0.00142J	mg/l	NC	20
Iron, Total	0.128	0.127	mg/l	1	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	3.19	3.40	mg/l	6	20
Manganese, Total	1.029	1.020	mg/l	1	20
Nickel, Total	0.00056J	0.00065J	mg/l	NC	20
Potassium, Total	0.529	0.554	mg/l	5	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	0.635	0.698	mg/l	9	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815645

Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09-11 QC Batch ID: WG1112539-4 QC Sample: L1815780-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.00815J	0.00782J	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-01**Client ID:** SB-2 (17.5-19.5)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/02/18 08:50**Date Received:** 05/02/18**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	-	05/03/18 09:49	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-02**Client ID:** SB-2 (19)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/02/18 08:50**Date Received:** 05/02/18**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	-	05/03/18 09:49	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-03**Client ID:** SB-1 (12-14)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/02/18 11:00**Date Received:** 05/02/18**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	89.2		%	0.100	NA	1	-	05/03/18 09:49	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-04**Client ID:** SB-1 (13)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/02/18 11:00**Date Received:** 05/02/18**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	89.2		%	0.100	NA	1	-	05/03/18 09:49	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-05**Client ID:** SB-5 (18-20)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/02/18 13:00**Date Received:** 05/02/18**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	-	05/03/18 09:49	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-06**Client ID:** SB-5 (19)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/02/18 13:00**Date Received:** 05/02/18**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	-	05/03/18 09:49	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-07**Client ID:** SB-6 (17-19)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/02/18 14:30**Date Received:** 05/02/18**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	-	05/03/18 09:49	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815645**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815645-08**Client ID:** SB-6 (18)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/02/18 14:30**Date Received:** 05/02/18**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	-	05/03/18 09:49	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Duplicate Analysis****Batch Quality Control****Lab Number:** L1815645**Report Date:** 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1112181-1 QC Sample: L1815610-01 Client ID: DUP Sample						
Solids, Total	85.0	85.2	%	0		20

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**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(*)
L1815645-01A	Plastic 2oz unpreserved for TS	B	NA		2.6	Y	Absent		TS(7)
L1815645-01B	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.6	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815645-01C	Glass 250ml/8oz unpreserved	B	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815645-02A	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1815645-02B	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1815645-02C	5 gram Encore Sampler	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1815645-02X	Vial MeOH preserved split	B	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1815645-02Y	Vial Water preserved split	B	NA		2.6	Y	Absent	03-MAY-18 11:35	NYTCL-8260HLW(14)
L1815645-02Z	Vial Water preserved split	B	NA		2.6	Y	Absent	03-MAY-18 11:35	NYTCL-8260HLW(14)
L1815645-03A	Plastic 2oz unpreserved for TS	C	NA		2.3	Y	Absent		TS(7)
L1815645-03B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815645-03C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815645-04A	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1815645-04B	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1815645-04C	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05091816:28
Lab Number: L1815645
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815645-04X	Vial MeOH preserved split	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1815645-04Y	Vial Water preserved split	C	NA		2.3	Y	Absent	03-MAY-18 11:35	NYTCL-8260HLW(14)
L1815645-04Z	Vial Water preserved split	C	NA		2.3	Y	Absent	03-MAY-18 11:35	NYTCL-8260HLW(14)
L1815645-05A	Plastic 2oz unpreserved for TS	C	NA		2.3	Y	Absent		TS(7)
L1815645-05B	Metals Only-Glass 60mL/2oz unpreserved	C	NA		2.3	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815645-05C	Glass 250ml/8oz unpreserved	C	NA		2.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815645-06A	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1815645-06B	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1815645-06C	5 gram Encore Sampler	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1815645-06X	Vial MeOH preserved split	C	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L1815645-06Y	Vial Water preserved split	C	NA		2.3	Y	Absent	03-MAY-18 11:35	NYTCL-8260HLW(14)
L1815645-06Z	Vial Water preserved split	C	NA		2.3	Y	Absent	03-MAY-18 11:35	NYTCL-8260HLW(14)
L1815645-07A	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L1815645-07B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815645-07C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1815645-08A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L1815645-08B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L1815645-08C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L1815645-08X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW(14)
L1815645-08Y	Vial Water preserved split	A	NA		4.8	Y	Absent	03-MAY-18 11:35	NYTCL-8260HLW(14)
L1815645-08Z	Vial Water preserved split	A	NA		4.8	Y	Absent	03-MAY-18 11:35	NYTCL-8260HLW(14)
L1815645-09A	Vial HCl preserved	C	NA		2.3	Y	Absent		NYTCL-8260(14)
L1815645-09B	Vial HCl preserved	C	NA		2.3	Y	Absent		NYTCL-8260(14)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815645-09C	Vial HCl preserved	C	NA		2.3	Y	Absent		NYTCL-8260(14)
L1815645-09D	Plastic 250ml unpreserved	C	7	7	2.3	Y	Absent		-
L1815645-09E	Plastic 250ml HNO3 preserved	C	<2	<2	2.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1815645-09F	Amber 120ml unpreserved	C	7	7	2.3	Y	Absent		NYTCL-8081(7)
L1815645-09G	Amber 120ml unpreserved	C	7	7	2.3	Y	Absent		NYTCL-8081(7)
L1815645-09H	Amber 120ml unpreserved	C	7	7	2.3	Y	Absent		-
L1815645-09I	Amber 120ml unpreserved	C	7	7	2.3	Y	Absent		-
L1815645-09J	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-09K	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		-
L1815645-09L	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-09M	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		-
L1815645-09N	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-09O	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-09P	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		-
L1815645-09Q	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		-
L1815645-09X	Plastic 250ml HNO3 preserved Filtrates	C	NA		2.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1815645-10A	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L1815645-10B	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L1815645-10C	Vial HCl preserved	B	NA		2.6	Y	Absent		NYTCL-8260(14)
L1815645-10D	Plastic 250ml unpreserved	B	7	7	2.6	Y	Absent		-

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815645-10E	Plastic 250ml HNO3 preserved	B	<2	<2	2.6	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1815645-10F	Amber 120ml unpreserved	B	7	7	2.6	Y	Absent		NYTCL-8081(7)
L1815645-10G	Amber 120ml unpreserved	B	7	7	2.6	Y	Absent		NYTCL-8081(7)
L1815645-10H	Amber 120ml unpreserved	B	7	7	2.6	Y	Absent		-
L1815645-10I	Amber 120ml unpreserved	B	7	7	2.6	Y	Absent		-
L1815645-10J	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-10K	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		-
L1815645-10L	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		-
L1815645-10M	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		NYTCL-8270(7)
L1815645-10N	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		NYTCL-8270-SIM(7),NYTCL-8082-1200ML(7)
L1815645-10O	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		-
L1815645-10P	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		-
L1815645-10Q	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-10X	Plastic 250ml HNO3 preserved Filtrates	B	NA		2.6	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1815645-11A	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1815645-11B	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1815645-11C	Vial HCl preserved	A	NA		4.8	Y	Absent		NYTCL-8260(14)
L1815645-11D	Plastic 250ml unpreserved	A	7	7	4.8	Y	Absent		-

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815645-11E	Plastic 250ml HNO3 preserved	A	<2	<2	4.8	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1815645-11F	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L1815645-11G	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8081(7)
L1815645-11H	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		-
L1815645-11I	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		-
L1815645-11J	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-11K	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		-
L1815645-11L	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-11M	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		-
L1815645-11N	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-11O	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-11P	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		-
L1815645-11Q	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		-
L1815645-11X	Plastic 250ml HNO3 preserved Filtrates	A	NA		4.8	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1815645-12A	Amber 120ml unpreserved	C	7	7	2.3	Y	Absent		FILTER-EXT(1)
L1815645-12B	Amber 120ml unpreserved	C	7	7	2.3	Y	Absent		FILTER-EXT(1)
L1815645-12C	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		FILTER-EXT(1)
L1815645-12D	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		FILTER-EXT(1)
L1815645-12E	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		FILTER-EXT(1)
L1815645-12F	Amber 1000ml unpreserved	C	7	7	2.3	Y	Absent		FILTER-EXT(1)

Project Name: SENDERO VERDE**Lab Number:** L1815645**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815645-12U	Amber 500ml unpreserved Filtrates	C	NA		2.3	Y	Absent		NYTCL-8081(7)
L1815645-12V	Amber 500ml unpreserved Filtrates	C	NA		2.3	Y	Absent		NYTCL-8081(7)
L1815645-12W	Amber 1000ml unpreserved Filtrates	C	NA		2.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-12X	Amber 1000ml unpreserved Filtrates	C	NA		2.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-12Y	Amber 1000ml unpreserved Filtrates	C	NA		2.3	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-12Z	Amber 1000ml unpreserved Filtrates	C	NA		2.3	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-13A	Amber 120ml unpreserved	B	7	7	2.6	Y	Absent		FILTER-EXT(1)
L1815645-13B	Amber 120ml unpreserved	B	7	7	2.6	Y	Absent		FILTER-EXT(1)
L1815645-13C	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		FILTER-EXT(1)
L1815645-13D	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		FILTER-EXT(1)
L1815645-13E	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		FILTER-EXT(1)
L1815645-13F	Amber 1000ml unpreserved	B	7	7	2.6	Y	Absent		FILTER-EXT(1)
L1815645-13U	Amber 500ml unpreserved Filtrates	B	NA		2.6	Y	Absent		NYTCL-8081(7)
L1815645-13V	Amber 500ml unpreserved Filtrates	B	NA		2.6	Y	Absent		NYTCL-8081(7)
L1815645-13W	Amber 1000ml unpreserved Filtrates	B	NA		2.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-13X	Amber 1000ml unpreserved Filtrates	B	NA		2.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-13Y	Amber 1000ml unpreserved Filtrates	B	NA		2.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-13Z	Amber 1000ml unpreserved Filtrates	B	NA		2.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-14A	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		FILTER-EXT(1)
L1815645-14B	Amber 120ml unpreserved	A	7	7	4.8	Y	Absent		FILTER-EXT(1)
L1815645-14C	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		FILTER-EXT(1)
L1815645-14D	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		FILTER-EXT(1)
L1815645-14E	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		FILTER-EXT(1)
L1815645-14F	Amber 1000ml unpreserved	A	7	7	4.8	Y	Absent		FILTER-EXT(1)
L1815645-14U	Amber 500ml unpreserved Filtrates	A	NA		4.8	Y	Absent		NYTCL-8081(7)
L1815645-14V	Amber 500ml unpreserved Filtrates	A	NA		4.8	Y	Absent		NYTCL-8081(7)
L1815645-14W	Amber 1000ml unpreserved Filtrates	A	NA		4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815645-14X	Amber 1000ml unpreserved Filtrates	A	NA		4.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05091816:28
Lab Number: L1815645
Report Date: 05/09/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815645-14Y	Amber 1000ml unpreserved Filtrates	A	NA		4.8	Y	Absent		NYTCL-8082-1200ML(7)
L1815645-14Z	Amber 1000ml unpreserved Filtrates	A	NA		4.8	Y	Absent		NYTCL-8082-1200ML(7)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
- 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

Report Format: DU Report with 'J' Qualifiers



Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- 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).
- 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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815645
Report Date: 05/09/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; 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.

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, SM4500CI-D, SM2320B, SM2540C, SM4500H-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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 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 <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>5/2/18</u>		ALPHA Job # <u>4815645</u>																																																																																							
		Project Information Project Name: <u>Sendero Verde</u> Project Location: <u>East Harlem</u> Project # <u>2984.0001Y000</u> (Use Project name as Project #) <input type="checkbox"/> Project Manager: <u>Julie Moriarity</u> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Deliverables <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																									
Client Information Client: <u>Roux</u> Address: <u>209 Shafter St</u> <u>Islandia, NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9898</u> Email: <u>j.moriarity@rouxinc.com</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																											
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:		ANALYSIS <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> VOC 8260 SVOC 8270, Post 80818 PCB 8082A, TAL Metals 6010C Total Solids </div> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample ID</th> <th>Collection Date</th> <th>Time</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> <th>VOC 8260</th> <th>SVOC 8270, Post 80818</th> <th>PCB 8082A</th> <th>TAL Metals 6010C</th> <th>Total Solids</th> </tr> </thead> <tbody> <tr> <td>15645-01</td> <td>5/2/18</td> <td>8:50</td> <td>Soil</td> <td>VS</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>-02</td> <td></td> <td>8:50</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-03</td> <td></td> <td>11:00</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>-04</td> <td></td> <td>11:00</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-05</td> <td></td> <td>13:00</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>-06</td> <td></td> <td>13:00</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-07</td> <td></td> <td>14:30</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>-08</td> <td></td> <td>14:30</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div>		Sample ID	Collection Date	Time	Sample Matrix	Sampler's Initials	VOC 8260	SVOC 8270, Post 80818	PCB 8082A	TAL Metals 6010C	Total Solids	15645-01	5/2/18	8:50	Soil	VS	X	X	X	X		-02		8:50			X					-03		11:00			X	X	X	X		-04		11:00			X					-05		13:00			X	X	X	X		-06		13:00			X					-07		14:30			X	X	X	X		-08		14:30			X					Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments	
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 <u>E A A P</u> Preservative <u>A A A A</u>		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.)																																																																																							
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 WESTBOROUGH, MA 01581 8 Walkup Dr. TEL: 508-898-8220 FAX: 508-898-9193		NEW YORK CHAIN OF CUSTODY 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 5/12/18		ALPHACOC # 41815645																																									
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ANALYTICAL REPORT

Lab Number:	L1815892
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749
ATTN:	Julie Moriarity
Phone:	(631) 232-2600
Project Name:	SENDERO VERDE
Project Number:	2984.0001Y000
Report Date:	05/09/18

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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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1815892-01	SB-9 (14.5-16.5)	SOIL	EAST HARLEM, NY	05/03/18 09:20	05/03/18
L1815892-02	SB-9 (16)	SOIL	EAST HARLEM, NY	05/03/18 09:20	05/03/18
L1815892-03	SB-8 (18-20)	SOIL	EAST HARLEM, NY	05/03/18 12:00	05/03/18
L1815892-04	SB-8 (19)	SOIL	EAST HARLEM, NY	05/03/18 12:00	05/03/18
L1815892-05	SB-7 (11-13)	SOIL	EAST HARLEM, NY	05/03/18 13:40	05/03/18
L1815892-06	SB-7X (12.5)	SOIL	EAST HARLEM, NY	05/03/18 13:40	05/03/18
L1815892-07	SB-1/GW	WATER	EAST HARLEM, NY	05/03/18 10:30	05/03/18
L1815892-08	SB-1/GW - FILTERED	WATER	EAST HARLEM, NY	05/03/18 10:30	05/03/18
L1815892-09	SB-9/GW	WATER	EAST HARLEM, NY	05/03/18 14:00	05/03/18
L1815892-10	SB-9/GW - FILTERED	WATER	EAST HARLEM, NY	05/03/18 14:00	05/03/18

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics


L1815892-04: The surrogate recovery for 1,2-dichloroethane-d4 (141%) is outside the acceptance criteria; however, since the sample was non-detect for all target analytes associated with this surrogate, re-analysis was not required.

Total Metals

L1815892-01, -03, and -05: 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/09/18

ORGANICS

VOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-02
 Client ID: SB-9 (16)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 09:20
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/06/18 16:14
 Analyst: MV
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	2.0	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.32	1
Chloroform	0.58	J	ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.42	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.36	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.42	1
Bromodichloromethane	ND		ug/kg	1.2	0.37	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.28	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.25	1
1,1-Dichloropropene	ND		ug/kg	6.0	0.39	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.36	1
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.20	1
Chloromethane	ND		ug/kg	6.0	0.52	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.38	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.29	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-02
 Client ID: SB-9 (16)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 09:20
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.36	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.18	1
p/m-Xylene	ND		ug/kg	2.4	0.42	1
o-Xylene	ND		ug/kg	2.4	0.41	1
Xylenes, Total	ND		ug/kg	2.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.41	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.29	1
Dibromomethane	ND		ug/kg	12	0.29	1
Styrene	ND		ug/kg	2.4	0.48	1
Dichlorodifluoromethane	ND		ug/kg	12	0.60	1
Acetone	5.6	J	ug/kg	12	2.8	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.83	1
Vinyl acetate	ND		ug/kg	12	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.21	1
2-Hexanone	ND		ug/kg	12	0.80	1
Bromochloromethane	ND		ug/kg	6.0	0.43	1
2,2-Dichloropropane	ND		ug/kg	6.0	0.54	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.0	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Bromobenzene	ND		ug/kg	6.0	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.27	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	ND		ug/kg	6.0	0.30	1
o-Chlorotoluene	ND		ug/kg	6.0	0.27	1
p-Chlorotoluene	ND		ug/kg	6.0	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.48	1
Hexachlorobutadiene	ND		ug/kg	6.0	0.42	1
Isopropylbenzene	ND		ug/kg	1.2	0.23	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	ND		ug/kg	6.0	0.17	1
Acrylonitrile	ND		ug/kg	12	0.62	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-02
Client ID: SB-9 (16)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 09:20
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.0	0.22	1
1,4-Dioxane	ND		ug/kg	48	17.	1
p-Diethylbenzene	ND		ug/kg	4.8	4.8	1
p-Ethyltoluene	ND		ug/kg	4.8	0.28	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.8	0.19	1
Ethyl ether	ND		ug/kg	6.0	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	138	Q	70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	111		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-04
 Client ID: SB-8 (19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 12:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/06/18 16:40
 Analyst: MV
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	2.5	J	ug/kg	12	1.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.31	1
Chloroform	6.0		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.40	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.35	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.40	1
Bromodichloromethane	ND		ug/kg	1.2	0.36	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.27	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.24	1
1,1-Dichloropropene	ND		ug/kg	5.8	0.38	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.34	1
Benzene	ND		ug/kg	1.2	0.22	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.2	0.20	1
Chloromethane	ND		ug/kg	5.8	0.50	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.36	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.28	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-04
 Client ID: SB-8 (19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 12:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.2	0.35	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.18	1
p/m-Xylene	ND		ug/kg	2.3	0.40	1
o-Xylene	ND		ug/kg	2.3	0.39	1
Xylenes, Total	ND		ug/kg	2.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.39	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.28	1
Dibromomethane	ND		ug/kg	12	0.28	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	12	0.58	1
Acetone	16		ug/kg	12	2.6	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.80	1
Vinyl acetate	ND		ug/kg	12	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.41	1
2,2-Dichloropropane	ND		ug/kg	5.8	0.52	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.23	1
1,3-Dichloropropane	ND		ug/kg	5.8	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.37	1
Bromobenzene	ND		ug/kg	5.8	0.25	1
n-Butylbenzene	ND		ug/kg	1.2	0.26	1
sec-Butylbenzene	ND		ug/kg	1.2	0.25	1
tert-Butylbenzene	ND		ug/kg	5.8	0.28	1
o-Chlorotoluene	ND		ug/kg	5.8	0.26	1
p-Chlorotoluene	ND		ug/kg	5.8	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Hexachlorobutadiene	ND		ug/kg	5.8	0.40	1
Isopropylbenzene	ND		ug/kg	1.2	0.22	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.23	1
Naphthalene	ND		ug/kg	5.8	0.16	1
Acrylonitrile	ND		ug/kg	12	0.59	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-04
Client ID: SB-8 (19)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 12:00
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.21	1
1,4-Dioxane	ND		ug/kg	46	17.	1
p-Diethylbenzene	ND		ug/kg	4.6	4.6	1
p-Ethyltoluene	ND		ug/kg	4.6	0.27	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.18	1
Ethyl ether	ND		ug/kg	5.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	0.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	141	Q	70-130
Toluene-d8	82		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	121		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-06
 Client ID: SB-7X (12.5)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 13:40
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/06/18 17:05
 Analyst: MV
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.6	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.26	1
Chloroform	0.43	J	ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.96	0.33	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.96	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.30	1
Tetrachloroethene	ND		ug/kg	0.96	0.29	1
Chlorobenzene	ND		ug/kg	0.96	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.40	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.96	0.34	1
Bromodichloromethane	ND		ug/kg	0.96	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.96	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.96	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.32	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.96	0.29	1
Benzene	ND		ug/kg	0.96	0.18	1
Toluene	ND		ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.96	0.16	1
Chloromethane	ND		ug/kg	4.8	0.42	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.30	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.23	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-06
 Client ID: SB-7X (12.5)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 13:40
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	0.96	0.29	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.18	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.15	1
p/m-Xylene	ND		ug/kg	1.9	0.34	1
o-Xylene	ND		ug/kg	1.9	0.32	1
Xylenes, Total	ND		ug/kg	1.9	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.23	1
Dibromomethane	ND		ug/kg	9.6	0.23	1
Styrene	ND		ug/kg	1.9	0.38	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.48	1
Acetone	3.2	J	ug/kg	9.6	2.2	1
Carbon disulfide	ND		ug/kg	9.6	1.0	1
2-Butanone	ND		ug/kg	9.6	0.66	1
Vinyl acetate	ND		ug/kg	9.6	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.6	0.17	1
2-Hexanone	ND		ug/kg	9.6	0.64	1
Bromochloromethane	ND		ug/kg	4.8	0.34	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.43	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.19	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.96	0.31	1
Bromobenzene	ND		ug/kg	4.8	0.21	1
n-Butylbenzene	ND		ug/kg	0.96	0.22	1
sec-Butylbenzene	ND		ug/kg	0.96	0.21	1
tert-Butylbenzene	ND		ug/kg	4.8	0.24	1
o-Chlorotoluene	ND		ug/kg	4.8	0.21	1
p-Chlorotoluene	ND		ug/kg	4.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.33	1
Isopropylbenzene	ND		ug/kg	0.96	0.19	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.19	1
Naphthalene	ND		ug/kg	4.8	0.13	1
Acrylonitrile	ND		ug/kg	9.6	0.49	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-06
Client ID: SB-7X (12.5)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 13:40
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.8	0.18	1
1,4-Dioxane	ND		ug/kg	38	14.	1
p-Diethylbenzene	ND		ug/kg	3.8	3.8	1
p-Ethyltoluene	ND		ug/kg	3.8	0.22	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.8	0.15	1
Ethyl ether	ND		ug/kg	4.8	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	152	Q	70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	111		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-07
 Client ID: SB-1/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/18 16:47
 Analyst: AD

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	39		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	0.65		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: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-07
 Client ID: SB-1/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 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	1.5	J	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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-07
Client ID: SB-1/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
Date Received: 05/03/18
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	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-09
 Client ID: SB-9/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/05/18 17:15
 Analyst: AD

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	21		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	0.92		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: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-09
 Client ID: SB-9/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 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	1.8	J	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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-09
Client ID: SB-9/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
Date Received: 05/03/18
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	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	94		70-130

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/05/18 13:55
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,09 Batch: WG1113114-5					
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: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/05/18 13:55
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,09 Batch: WG1113114-5					
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: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/05/18 13:55
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07,09 Batch: WG1113114-5					
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	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/06/18 13:13
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG1113305-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	1.4	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/06/18 13:13
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG1113305-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	0.23	J	ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/06/18 13:13
 Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06 Batch: WG1113305-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	0.17	J	ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09 Batch: WG1113114-3 WG1113114-4								
Methylene chloride	89		92		70-130	3		20
1,1-Dichloroethane	98		100		70-130	2		20
Chloroform	94		92		70-130	2		20
Carbon tetrachloride	100		94		63-132	6		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	98		100		70-130	2		20
Tetrachloroethene	97		91		70-130	6		20
Chlorobenzene	97		96		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	100		98		67-130	2		20
Bromodichloromethane	100		97		67-130	3		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	97		100		70-130	3		20
1,1-Dichloropropene	100		99		70-130	1		20
Bromoform	96		95		54-136	1		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	99		96		70-130	3		20
Toluene	96		94		70-130	2		20
Ethylbenzene	98		97		70-130	1		20
Chloromethane	110		110		64-130	0		20
Bromomethane	60		68		39-139	13		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09 Batch: WG1113114-3 WG1113114-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	71		70		55-138	1		20
1,1-Dichloroethene	99		100		61-145	1		20
trans-1,2-Dichloroethene	96		96		70-130	0		20
Trichloroethene	96		94		70-130	2		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	98		98		70-130	0		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	94		90		70-130	4		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	120		120		64-130	0		20
Acrylonitrile	100		110		70-130	10		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	110		110		58-148	0		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	110		100		63-138	10		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	99		100		59-130	1		20
2-Hexanone	120		120		57-130	0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09 Batch: WG1113114-3 WG1113114-4								
Bromochloromethane	92		88		70-130	4		20
2,2-Dichloropropane	120		110		63-133	9		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		99		64-130	1		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		100		70-130	10		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	99		100		41-144	1		20
Hexachlorobutadiene	120		120		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	91		100		70-130	9		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	88		96		70-130	9		20
1,2,4-Trichlorobenzene	96		100		70-130	4		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	126		136		56-162	8		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,09 Batch: WG1113114-3 WG1113114-4								
p-Ethyltoluene	110		100		70-130	10		20
1,2,4,5-Tetramethylbenzene	110		110		70-130	0		20
Ethyl ether	94		99		59-134	5		20
trans-1,4-Dichloro-2-butene	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		115		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	110		113		70-130
Dibromofluoromethane	100		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1113305-3 WG1113305-4								
Methylene chloride	100		98		70-130	2		30
1,1-Dichloroethane	103		100		70-130	3		30
Chloroform	92		101		70-130	9		30
Carbon tetrachloride	104		112		70-130	7		30
1,2-Dichloropropane	91		96		70-130	5		30
Dibromochloromethane	103		101		70-130	2		30
1,1,2-Trichloroethane	94		79		70-130	17		30
Tetrachloroethene	86		87		70-130	1		30
Chlorobenzene	90		93		70-130	3		30
Trichlorofluoromethane	97		99		70-139	2		30
1,2-Dichloroethane	112		113		70-130	1		30
1,1,1-Trichloroethane	100		106		70-130	6		30
Bromodichloromethane	104		106		70-130	2		30
trans-1,3-Dichloropropene	102		102		70-130	0		30
cis-1,3-Dichloropropene	97		98		70-130	1		30
1,1-Dichloropropene	89		80		70-130	11		30
Bromoform	87		96		70-130	10		30
1,1,2,2-Tetrachloroethane	91		95		70-130	4		30
Benzene	87		89		70-130	2		30
Toluene	83		86		70-130	4		30
Ethylbenzene	88		89		70-130	1		30
Chloromethane	83		80		52-130	4		30
Bromomethane	91		90		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1113305-3 WG1113305-4								
Vinyl chloride	77		80		67-130	4		30
Chloroethane	74		76		50-151	3		30
1,1-Dichloroethene	92		90		65-135	2		30
trans-1,2-Dichloroethene	95		97		70-130	2		30
Trichloroethene	92		96		70-130	4		30
1,2-Dichlorobenzene	95		94		70-130	1		30
1,3-Dichlorobenzene	92		94		70-130	2		30
1,4-Dichlorobenzene	92		94		70-130	2		30
Methyl tert butyl ether	114		110		66-130	4		30
p/m-Xylene	88		90		70-130	2		30
o-Xylene	80		90		70-130	12		30
cis-1,2-Dichloroethene	99		96		70-130	3		30
Dibromomethane	99		104		70-130	5		30
Styrene	76		92		70-130	19		30
Dichlorodifluoromethane	78		82		30-146	5		30
Acetone	114		100		54-140	13		30
Carbon disulfide	86		83		59-130	4		30
2-Butanone	103		80		70-130	25		30
Vinyl acetate	97		93		70-130	4		30
4-Methyl-2-pentanone	97		93		70-130	4		30
1,2,3-Trichloropropane	98		97		68-130	1		30
2-Hexanone	93		70		70-130	28		30
Bromochloromethane	109		100		70-130	9		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1113305-3 WG1113305-4								
2,2-Dichloropropane	94		90		70-130	4		30
1,2-Dibromoethane	103		98		70-130	5		30
1,3-Dichloropropane	98		95		69-130	3		30
1,1,1,2-Tetrachloroethane	102		100		70-130	2		30
Bromobenzene	91		92		70-130	1		30
n-Butylbenzene	86		91		70-130	6		30
sec-Butylbenzene	88		91		70-130	3		30
tert-Butylbenzene	88		96		70-130	9		30
o-Chlorotoluene	92		95		70-130	3		30
p-Chlorotoluene	94		95		70-130	1		30
1,2-Dibromo-3-chloropropane	90		78		68-130	14		30
Hexachlorobutadiene	77		73		67-130	5		30
Isopropylbenzene	86		92		70-130	7		30
p-Isopropyltoluene	87		91		70-130	4		30
Naphthalene	97		89		70-130	9		30
Acrylonitrile	123		108		70-130	13		30
n-Propylbenzene	87		90		70-130	3		30
1,2,3-Trichlorobenzene	92		89		70-130	3		30
1,2,4-Trichlorobenzene	86		82		70-130	5		30
1,3,5-Trimethylbenzene	91		96		70-130	5		30
1,2,4-Trimethylbenzene	94		97		70-130	3		30
1,4-Dioxane	84		87		65-136	4		30
p-Diethylbenzene	86		87		70-130	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06 Batch: WG1113305-3 WG1113305-4								
p-Ethyltoluene	85		89		70-130	5		30
1,2,4,5-Tetramethylbenzene	90		89		70-130	1		30
Ethyl ether	105		99		67-130	6		30
trans-1,4-Dichloro-2-butene	107		114		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		118		70-130
Toluene-d8	103		107		70-130
4-Bromofluorobenzene	102		104		70-130
Dibromofluoromethane	103		103		70-130

SEMIVOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-01
 Client ID: SB-9 (14.5-16.5)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 09:20
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/07/18 18:10
 Analyst: SZ
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 05/04/18 17:32

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	27.	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	240		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	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	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	67.	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-01
 Client ID: SB-9 (14.5-16.5)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 09:20
 Date Received: 05/03/18
 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	120		ug/kg	120	22.	1
Benzo(a)pyrene	110	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	140		ug/kg	120	33.	1
Benzo(k)fluoranthene	56	J	ug/kg	120	31.	1
Chrysene	120		ug/kg	120	20.	1
Acenaphthylene	56	J	ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	81	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	170		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	86	J	ug/kg	160	27.	1
Pyrene	200		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	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	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: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815892-01**Date Collected:** 05/03/18 09:20**Client ID:** SB-9 (14.5-16.5)**Date Received:** 05/03/18**Sample Location:** EAST HARLEM, NY**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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	78		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-03
 Client ID: SB-8 (18-20)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 12:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 04:46
 Analyst: PS
 Percent Solids: 78%

Extraction Method: EPA 3546
 Extraction Date: 05/04/18 17:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-03
 Client ID: SB-8 (18-20)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 12:00
 Date Received: 05/03/18
 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	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815892-03**Date Collected:** 05/03/18 12:00**Client ID:** SB-8 (18-20)**Date Received:** 05/03/18**Sample Location:** EAST HARLEM, NY**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	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	101		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-05
 Client ID: SB-7 (11-13)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 13:40
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 07:46
 Analyst: PS
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 05/04/18 17:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	20	J	ug/kg	140	19.	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	550		ug/kg	110	21.	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	220	31.	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: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-05
 Client ID: SB-7 (11-13)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 13:40
 Date Received: 05/03/18
 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	250		ug/kg	110	20.	1
Benzo(a)pyrene	220		ug/kg	140	44.	1
Benzo(b)fluoranthene	240		ug/kg	110	30.	1
Benzo(k)fluoranthene	91	J	ug/kg	110	29.	1
Chrysene	220		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	160		ug/kg	110	35.	1
Benzo(ghi)perylene	140		ug/kg	140	21.	1
Fluorene	39	J	ug/kg	180	17.	1
Phenanthrene	530		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	30	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	140		ug/kg	140	25.	1
Pyrene	520		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	74.	1
Dibenzofuran	17	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	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	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	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: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815892-05**Date Collected:** 05/03/18 13:40**Client ID:** SB-7 (11-13)**Date Received:** 05/03/18**Sample Location:** EAST HARLEM, NY**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	18	J	ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	17		10-136
4-Terphenyl-d14	96		18-120

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-07
 Client ID: SB-1/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 03:03
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-07
 Client ID: SB-1/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	109		41-149

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-07
Client ID: SB-1/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 05/05/18 18:48
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.11		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.08	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.08	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-07

Date Collected: 05/03/18 10:30

Client ID: SB-1/GW

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	99		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-08
 Client ID: SB-1/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 03:29
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	1.5	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-08
 Client ID: SB-1/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	112		10-120
4-Terphenyl-d14	122		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-08
 Client ID: SB-1/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/05/18 20:53
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.06	J	ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.06	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-08
 Client ID: SB-1/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	106		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-09
 Client ID: SB-9/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 03:54
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-09
 Client ID: SB-9/GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	113		41-149

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-09
Client ID: SB-9/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 05/05/18 21:18
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-09

Date Collected: 05/03/18 14:00

Client ID: SB-9/GW

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	94		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-10
 Client ID: SB-9/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 04:20
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	1.0	J	ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-10
 Client ID: SB-9/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	115		10-120
4-Terphenyl-d14	125		41-149

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-10
 Client ID: SB-9/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/05/18 21:43
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-10
 Client ID: SB-9/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	102		41-149

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/08/18 23:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-10 Batch: WG1112698-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/08/18 23:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-10 Batch: WG1112698-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/08/18 23:13
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-10 Batch: WG1112698-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

Total TIC Compounds	11.0	J	ug/l
Aldol Condensates	11.0	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	120		41-149



Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/05/18 13:02
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-10 Batch: WG1112700-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**Method Blank Analysis**
Batch Quality Control**Analytical Method:** 1,8270D-SIM
Analytical Date: 05/05/18 13:02
Analyst: DV**Extraction Method:** EPA 3510C
Extraction Date: 05/04/18 12:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07-10 Batch: WG1112700-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	108		10-120
4-Terphenyl-d14	102		41-149

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/09/18 00:30
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 05/04/18 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05 Batch: WG1112768-1					
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	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	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	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	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
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: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/09/18 00:30
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 05/04/18 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05 Batch: WG1112768-1					
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	28.
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	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
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	62.

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/09/18 00:30
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 05/04/18 17:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05 Batch: WG1112768-1					
4-Nitrophenol	ND		ug/kg	230	67.
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	240	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.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	108		18-120



Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-10 Batch: WG1112698-2 WG1112698-3								
Acenaphthene	85		88		37-111	3		30
1,2,4-Trichlorobenzene	76		75		39-98	1		30
Hexachlorobenzene	89		92		40-140	3		30
Bis(2-chloroethyl)ether	81		81		40-140	0		30
2-Chloronaphthalene	82		82		40-140	0		30
1,2-Dichlorobenzene	76		76		40-140	0		30
1,3-Dichlorobenzene	73		73		40-140	0		30
1,4-Dichlorobenzene	72		74		36-97	3		30
3,3'-Dichlorobenzidine	81		85		40-140	5		30
2,4-Dinitrotoluene	107		114		48-143	6		30
2,6-Dinitrotoluene	100		104		40-140	4		30
Fluoranthene	89		94		40-140	5		30
4-Chlorophenyl phenyl ether	86		89		40-140	3		30
4-Bromophenyl phenyl ether	90		94		40-140	4		30
Bis(2-chloroisopropyl)ether	83		82		40-140	1		30
Bis(2-chloroethoxy)methane	86		84		40-140	2		30
Hexachlorobutadiene	76		76		40-140	0		30
Hexachlorocyclopentadiene	86		84		40-140	2		30
Hexachloroethane	78		78		40-140	0		30
Isophorone	89		87		40-140	2		30
Naphthalene	80		81		40-140	1		30
Nitrobenzene	94		91		40-140	3		30
NDPA/DPA	90		92		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-10 Batch: WG1112698-2 WG1112698-3								
n-Nitrosodi-n-propylamine	88		87		29-132	1		30
Bis(2-ethylhexyl)phthalate	103		107		40-140	4		30
Butyl benzyl phthalate	101		107		40-140	6		30
Di-n-butylphthalate	97		101		40-140	4		30
Di-n-octylphthalate	102		106		40-140	4		30
Diethyl phthalate	92		97		40-140	5		30
Dimethyl phthalate	89		89		40-140	0		30
Benzo(a)anthracene	88		92		40-140	4		30
Benzo(a)pyrene	94		100		40-140	6		30
Benzo(b)fluoranthene	86		91		40-140	6		30
Benzo(k)fluoranthene	98		103		40-140	5		30
Chrysene	88		92		40-140	4		30
Acenaphthylene	90		90		45-123	0		30
Anthracene	89		94		40-140	5		30
Benzo(ghi)perylene	89		95		40-140	7		30
Fluorene	90		92		40-140	2		30
Phenanthrene	86		88		40-140	2		30
Dibenzo(a,h)anthracene	90		96		40-140	6		30
Indeno(1,2,3-cd)pyrene	96		104		40-140	8		30
Pyrene	86		91		26-127	6		30
Biphenyl	87		86		40-140	1		30
4-Chloroaniline	74		74		40-140	0		30
2-Nitroaniline	105		106		52-143	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-10 Batch: WG1112698-2 WG1112698-3								
3-Nitroaniline	88		85		25-145	3		30
4-Nitroaniline	88		94		51-143	7		30
Dibenzofuran	88		90		40-140	2		30
2-Methylnaphthalene	84		84		40-140	0		30
1,2,4,5-Tetrachlorobenzene	86		85		2-134	1		30
Acetophenone	89		89		39-129	0		30
2,4,6-Trichlorophenol	42		95		30-130	77	Q	30
p-Chloro-m-cresol	86		96		23-97	11		30
2-Chlorophenol	50		85		27-123	52	Q	30
2,4-Dichlorophenol	53		91		30-130	53	Q	30
2,4-Dimethylphenol	91		89		30-130	2		30
2-Nitrophenol	54		107		30-130	66	Q	30
4-Nitrophenol	38		80		10-80	71	Q	30
2,4-Dinitrophenol	46		118		20-130	88	Q	30
4,6-Dinitro-o-cresol	53		126		20-164	82	Q	30
Pentachlorophenol	34		83		9-103	84	Q	30
Phenol	30		42		12-110	33	Q	30
2-Methylphenol	72		77		30-130	7		30
3-Methylphenol/4-Methylphenol	72		77		30-130	7		30
2,4,5-Trichlorophenol	48		98		30-130	68	Q	30
Benzoic Acid	17		44		10-164	89	Q	30
Benzyl Alcohol	84		83		26-116	1		30
Carbazole	88		93		55-144	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-10 Batch: WG1112698-2 WG1112698-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	30		62		21-120
Phenol-d6	32		44		10-120
Nitrobenzene-d5	106		102		23-120
2-Fluorobiphenyl	97		96		15-120
2,4,6-Tribromophenol	51		113		10-120
4-Terphenyl-d14	107		110		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-10 Batch: WG1112700-2 WG1112700-3								
Acenaphthene	90		88		40-140	2		40
2-Chloronaphthalene	76		74		40-140	3		40
Fluoranthene	94		96		40-140	2		40
Hexachlorobutadiene	64		62		40-140	3		40
Naphthalene	74		71		40-140	4		40
Benzo(a)anthracene	85		88		40-140	3		40
Benzo(a)pyrene	88		90		40-140	2		40
Benzo(b)fluoranthene	87		88		40-140	1		40
Benzo(k)fluoranthene	90		92		40-140	2		40
Chrysene	88		89		40-140	1		40
Acenaphthylene	87		85		40-140	2		40
Anthracene	90		90		40-140	0		40
Benzo(ghi)perylene	90		92		40-140	2		40
Fluorene	94		92		40-140	2		40
Phenanthrene	85		85		40-140	0		40
Dibenzo(a,h)anthracene	94		96		40-140	2		40
Indeno(1,2,3-cd)pyrene	90		92		40-140	2		40
Pyrene	91		93		40-140	2		40
2-Methylnaphthalene	76		74		40-140	3		40
Pentachlorophenol	95		96		40-140	1		40
Hexachlorobenzene	85		84		40-140	1		40
Hexachloroethane	64		60		40-140	6		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07-10 Batch: WG1112700-2 WG1112700-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		45		21-120
Phenol-d6	35		34		10-120
Nitrobenzene-d5	82		79		23-120
2-Fluorobiphenyl	75		75		15-120
2,4,6-Tribromophenol	100		101		10-120
4-Terphenyl-d14	95		98		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1112768-2 WG1112768-3								
Acenaphthene	77		78		31-137	1		50
1,2,4-Trichlorobenzene	72		73		38-107	1		50
Hexachlorobenzene	81		79		40-140	3		50
Bis(2-chloroethyl)ether	72		74		40-140	3		50
2-Chloronaphthalene	76		78		40-140	3		50
1,2-Dichlorobenzene	73		75		40-140	3		50
1,3-Dichlorobenzene	73		74		40-140	1		50
1,4-Dichlorobenzene	73		73		28-104	0		50
3,3'-Dichlorobenzidine	62		65		40-140	5		50
2,4-Dinitrotoluene	99		98		40-132	1		50
2,6-Dinitrotoluene	92		89		40-140	3		50
Fluoranthene	82		82		40-140	0		50
4-Chlorophenyl phenyl ether	80		79		40-140	1		50
4-Bromophenyl phenyl ether	82		82		40-140	0		50
Bis(2-chloroisopropyl)ether	73		74		40-140	1		50
Bis(2-chloroethoxy)methane	74		76		40-117	3		50
Hexachlorobutadiene	76		79		40-140	4		50
Hexachlorocyclopentadiene	90		91		40-140	1		50
Hexachloroethane	76		80		40-140	5		50
Isophorone	76		77		40-140	1		50
Naphthalene	76		77		40-140	1		50
Nitrobenzene	82		83		40-140	1		50
NDPA/DPA	82		82		36-157	0		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1112768-2 WG1112768-3								
n-Nitrosodi-n-propylamine	75		77		32-121	3		50
Bis(2-ethylhexyl)phthalate	91		92		40-140	1		50
Butyl benzyl phthalate	92		92		40-140	0		50
Di-n-butylphthalate	86		88		40-140	2		50
Di-n-octylphthalate	89		91		40-140	2		50
Diethyl phthalate	83		82		40-140	1		50
Dimethyl phthalate	81		80		40-140	1		50
Benzo(a)anthracene	80		82		40-140	2		50
Benzo(a)pyrene	84		87		40-140	4		50
Benzo(b)fluoranthene	80		83		40-140	4		50
Benzo(k)fluoranthene	85		85		40-140	0		50
Chrysene	79		80		40-140	1		50
Acenaphthylene	84		83		40-140	1		50
Anthracene	83		83		40-140	0		50
Benzo(ghi)perylene	82		82		40-140	0		50
Fluorene	82		82		40-140	0		50
Phenanthrene	77		79		40-140	3		50
Dibenzo(a,h)anthracene	82		84		40-140	2		50
Indeno(1,2,3-cd)pyrene	82		85		40-140	4		50
Pyrene	79		79		35-142	0		50
Biphenyl	79		80		54-104	1		50
4-Chloroaniline	65		83		40-140	24		50
2-Nitroaniline	95		94		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1112768-2 WG1112768-3								
3-Nitroaniline	66		68		26-129	3		50
4-Nitroaniline	82		80		41-125	2		50
Dibenzofuran	79		79		40-140	0		50
2-Methylnaphthalene	78		79		40-140	1		50
1,2,4,5-Tetrachlorobenzene	79		80		40-117	1		50
Acetophenone	79		79		14-144	0		50
2,4,6-Trichlorophenol	86		86		30-130	0		50
p-Chloro-m-cresol	87		89		26-103	2		50
2-Chlorophenol	81		82		25-102	1		50
2,4-Dichlorophenol	85		86		30-130	1		50
2,4-Dimethylphenol	85		88		30-130	3		50
2-Nitrophenol	95		97		30-130	2		50
4-Nitrophenol	109		109		11-114	0		50
2,4-Dinitrophenol	101		98		4-130	3		50
4,6-Dinitro-o-cresol	110		108		10-130	2		50
Pentachlorophenol	75		74		17-109	1		50
Phenol	81		84		26-90	4		50
2-Methylphenol	82		83		30-130	1		50
3-Methylphenol/4-Methylphenol	87		87		30-130	0		50
2,4,5-Trichlorophenol	89		89		30-130	0		50
Benzoic Acid	64		71		10-110	10		50
Benzyl Alcohol	83		83		40-140	0		50
Carbazole	81		83		54-128	2		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1112768-2 WG1112768-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		76		25-120
Phenol-d6	77		80		10-120
Nitrobenzene-d5	81		82		23-120
2-Fluorobiphenyl	79		79		30-120
2,4,6-Tribromophenol	89		85		10-136
4-Terphenyl-d14	84		86		18-120

PCBS

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-01
Client ID: SB-9 (14.5-16.5)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 09:20
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/07/18 06:11
Analyst: KB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/05/18 07:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	4.38	1	A
Aroclor 1221	ND		ug/kg	38.6	5.88	1	A
Aroclor 1232	ND		ug/kg	38.6	3.80	1	A
Aroclor 1242	ND		ug/kg	38.6	4.73	1	A
Aroclor 1248	ND		ug/kg	38.6	4.34	1	A
Aroclor 1254	ND		ug/kg	38.6	3.15	1	A
Aroclor 1260	ND		ug/kg	38.6	4.03	1	A
Aroclor 1262	ND		ug/kg	38.6	3.18	1	A
Aroclor 1268	ND		ug/kg	38.6	2.74	1	A
PCBs, Total	ND		ug/kg	38.6	2.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-03
Client ID: SB-8 (18-20)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 12:00
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/07/18 06:25
Analyst: KB
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 05/05/18 07:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.4	4.58	1	A
Aroclor 1221	ND		ug/kg	40.4	6.14	1	A
Aroclor 1232	ND		ug/kg	40.4	3.97	1	A
Aroclor 1242	ND		ug/kg	40.4	4.94	1	A
Aroclor 1248	ND		ug/kg	40.4	4.53	1	A
Aroclor 1254	ND		ug/kg	40.4	3.29	1	A
Aroclor 1260	ND		ug/kg	40.4	4.21	1	A
Aroclor 1262	ND		ug/kg	40.4	3.32	1	A
Aroclor 1268	ND		ug/kg	40.4	2.86	1	A
PCBs, Total	ND		ug/kg	40.4	2.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-05
Client ID: SB-7 (11-13)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 13:40
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/07/18 06:38
Analyst: KB
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 05/05/18 07:01
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	4.06	1	A
Aroclor 1221	ND		ug/kg	35.8	5.46	1	A
Aroclor 1232	ND		ug/kg	35.8	3.53	1	A
Aroclor 1242	ND		ug/kg	35.8	4.39	1	A
Aroclor 1248	ND		ug/kg	35.8	4.02	1	A
Aroclor 1254	ND		ug/kg	35.8	2.92	1	A
Aroclor 1260	ND		ug/kg	35.8	3.74	1	A
Aroclor 1262	ND		ug/kg	35.8	2.95	1	A
Aroclor 1268	ND		ug/kg	35.8	2.54	1	A
PCBs, Total	ND		ug/kg	35.8	2.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-07
Client ID: SB-1/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/06/18 22:12
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 05/04/18 17:12
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-08
 Client ID: SB-1/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/06/18 22:25
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 17:12
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/05/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-09
Client ID: SB-9/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/06/18 22:38
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 05/04/18 17:12
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-10
 Client ID: SB-9/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/06/18 22:51
 Analyst: KB

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 17:12
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/05/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/04/18 09:29
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 05/03/18 17:52
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/04/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/04/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-10 Batch: WG1112395-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/06/18 02:31
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 05/05/18 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/05/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG1112850-1						
Aroclor 1016	ND		ug/kg	32.0	3.63	A
Aroclor 1221	ND		ug/kg	32.0	4.88	A
Aroclor 1232	ND		ug/kg	32.0	3.15	A
Aroclor 1242	ND		ug/kg	32.0	3.92	A
Aroclor 1248	ND		ug/kg	32.0	3.59	A
Aroclor 1254	ND		ug/kg	32.0	2.61	A
Aroclor 1260	ND		ug/kg	32.0	3.34	A
Aroclor 1262	ND		ug/kg	32.0	2.63	A
Aroclor 1268	ND		ug/kg	32.0	2.27	A
PCBs, Total	ND		ug/kg	32.0	2.27	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	88		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-10 Batch: WG1112395-2 WG1112395-3									
Aroclor 1016	85		82		40-140	3		50	A
Aroclor 1260	75		77		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		77		30-150	A
Decachlorobiphenyl	62		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		82		30-150	B
Decachlorobiphenyl	67		73		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1112850-2 WG1112850-3									
Aroclor 1016	88		92		40-140	4		50	A
Aroclor 1260	83		87		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		95		30-150	A
Decachlorobiphenyl	87		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		93		30-150	B
Decachlorobiphenyl	97		101		30-150	B

PESTICIDES

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-01
Client ID: SB-9 (14.5-16.5)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 09:20
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/07/18 00:18
Analyst: JW
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 05/05/18 07:54
Cleanup Method: EPA 3620B
Cleanup Date: 05/06/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.650	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.808	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	4.36		ug/kg	1.15	0.577	1	A
4,4'-DDE	4.53		ug/kg	1.85	0.427	1	B
4,4'-DDD	4.54	P	ug/kg	1.85	0.659	1	B
4,4'-DDT	29.8		ug/kg	3.46	1.48	1	A
Endosulfan I	ND		ug/kg	1.85	0.436	1	A
Endosulfan II	ND		ug/kg	1.85	0.617	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.70	1	A
cis-Chlordane	4.80		ug/kg	2.31	0.644	1	A
trans-Chlordane	2.75	PI	ug/kg	2.31	0.610	1	A
Chlordane	21.3		ug/kg	15.0	6.12	1	B

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-01

Date Collected: 05/03/18 09:20

Client ID: SB-9 (14.5-16.5)

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

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	106		30-150	B
Decachlorobiphenyl	104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-03
Client ID: SB-8 (18-20)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 12:00
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/07/18 00:31
Analyst: JW
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 05/05/18 07:54
Cleanup Method: EPA 3620B
Cleanup Date: 05/06/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.388	1	A
Lindane	ND		ug/kg	0.826	0.369	1	A
Alpha-BHC	ND		ug/kg	0.826	0.235	1	A
Beta-BHC	ND		ug/kg	1.98	0.752	1	A
Heptachlor	ND		ug/kg	0.991	0.444	1	A
Aldrin	ND		ug/kg	1.98	0.698	1	A
Heptachlor epoxide	ND		ug/kg	3.72	1.12	1	A
Endrin	ND		ug/kg	0.826	0.339	1	A
Endrin aldehyde	ND		ug/kg	2.48	0.867	1	A
Endrin ketone	ND		ug/kg	1.98	0.510	1	A
Dieldrin	ND		ug/kg	1.24	0.620	1	A
4,4'-DDE	ND		ug/kg	1.98	0.458	1	A
4,4'-DDD	ND		ug/kg	1.98	0.707	1	A
4,4'-DDT	ND		ug/kg	3.72	1.59	1	A
Endosulfan I	ND		ug/kg	1.98	0.468	1	A
Endosulfan II	ND		ug/kg	1.98	0.662	1	A
Endosulfan sulfate	ND		ug/kg	0.826	0.393	1	A
Methoxychlor	ND		ug/kg	3.72	1.16	1	A
Toxaphene	ND		ug/kg	37.2	10.4	1	A
cis-Chlordane	ND		ug/kg	2.48	0.691	1	A
trans-Chlordane	ND		ug/kg	2.48	0.654	1	A
Chlordane	ND		ug/kg	16.1	6.57	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-03

Date Collected: 05/03/18 12:00

Client ID: SB-8 (18-20)

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

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	97		30-150	B
Decachlorobiphenyl	96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-05
Client ID: SB-7 (11-13)
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 13:40
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/08/18 19:29
Analyst: KEG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 05/05/18 07:54
Cleanup Method: EPA 3620B
Cleanup Date: 05/06/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.947	1	A
Endrin	ND		ug/kg	0.701	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	1.60		ug/kg	1.05	0.526	1	A
4,4'-DDE	1.26	J	ug/kg	1.68	0.389	1	B
4,4'-DDD	1.02	J	ug/kg	1.68	0.600	1	B
4,4'-DDT	3.40		ug/kg	3.16	1.35	1	B
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	1.02	J	ug/kg	1.68	0.562	1	B
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.982	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	1.73	J	ug/kg	2.10	0.586	1	A
trans-Chlordane	0.857	J	ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	13.7	5.57	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-05

Date Collected: 05/03/18 13:40

Client ID: SB-7 (11-13)

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

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	B
Decachlorobiphenyl	57		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	68		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-07
Client ID: SB-1/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/07/18 01:30
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 05/04/18 12:15

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	0.016	J	ug/l	0.029	0.003	1	B
4,4'-DDE	0.003	J	ug/l	0.029	0.003	1	B
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.012	J	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	0.005	J	ug/l	0.014	0.005	1	B
trans-Chlordane	0.005	J	ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-07

Date Collected: 05/03/18 10:30

Client ID: SB-1/GW

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

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	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-08
 Client ID: SB-1/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 19:22
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

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	0.010	J	ug/l	0.029	0.003	1	B
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	B
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	B
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-08
 Client ID: SB-1/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 10:30
 Date Received: 05/03/18
 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	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-09
Client ID: SB-9/GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
Date Received: 05/03/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/07/18 01:43
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 05/04/18 12:15

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	0.009	J	ug/l	0.029	0.006	1	B
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	0.004	J	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: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-09

Date Collected: 05/03/18 14:00

Client ID: SB-9/GW

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

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	64		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-10
 Client ID: SB-9/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/07/18 19:34
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

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: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-10
 Client ID: SB-9/GW - FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 14:00
 Date Received: 05/03/18
 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	60		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/07/18 00:14
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07,09 Batch: WG1112697-1						
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
4,4'-DDT	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

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/07/18 00:14
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/04/18 12:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07,09 Batch: WG1112697-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/06/18 20:23
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 05/05/18 00:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG1112849-1						
Delta-BHC	ND		ug/kg	1.52	0.298	A
Lindane	ND		ug/kg	0.634	0.283	A
Alpha-BHC	ND		ug/kg	0.634	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.577	A
Heptachlor	ND		ug/kg	0.760	0.341	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.856	A
Endrin	ND		ug/kg	0.634	0.260	A
Endrin aldehyde	ND		ug/kg	1.90	0.665	A
Endrin ketone	ND		ug/kg	1.52	0.392	A
Dieldrin	ND		ug/kg	0.950	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.352	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.634	0.302	A
Methoxychlor	ND		ug/kg	2.85	0.887	A
Toxaphene	ND		ug/kg	28.5	7.98	A
cis-Chlordane	ND		ug/kg	1.90	0.530	A
trans-Chlordane	ND		ug/kg	1.90	0.502	A
Chlordane	ND		ug/kg	12.4	5.04	A

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/06/18 20:23
 Analyst: JW

Extraction Method: EPA 3546
 Extraction Date: 05/05/18 00:19
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG1112849-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	61		30-150	A

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/07/18 17:41
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08,10 Batch: WG1113101-1						
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
4,4'-DDT	0.015	J	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

Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/07/18 17:41
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 05/06/18 13:41

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 08,10 Batch: WG1113101-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	46		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07,09 Batch: WG1112697-2 WG1112697-3									
Delta-BHC	65		75		30-150	15		20	A
Lindane	63		73		30-150	15		20	A
Alpha-BHC	62		71		30-150	13		20	A
Beta-BHC	62		68		30-150	9		20	A
Heptachlor	58		69		30-150	18		20	A
Aldrin	57		66		30-150	16		20	A
Heptachlor epoxide	60		70		30-150	15		20	A
Endrin	66		77		30-150	16		20	A
Endrin aldehyde	48		60		30-150	22	Q	20	A
Endrin ketone	66		76		30-150	15		20	A
Dieldrin	62		73		30-150	17		20	A
4,4'-DDE	57		67		30-150	17		20	A
4,4'-DDD	62		74		30-150	17		20	A
4,4'-DDT	69		80		30-150	15		20	A
Endosulfan I	55		65		30-150	16		20	A
Endosulfan II	57		66		30-150	15		20	A
Endosulfan sulfate	53		63		30-150	17		20	A
Methoxychlor	87		101		30-150	14		20	A
cis-Chlordane	49		62		30-150	23	Q	20	A
trans-Chlordane	45		60		30-150	28	Q	20	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07,09 Batch: WG1112697-2 WG1112697-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		58		30-150	A
Decachlorobiphenyl	53		60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		62		30-150	B
Decachlorobiphenyl	56		61		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1112849-2 WG1112849-3									
Delta-BHC	95		108		30-150	13		30	A
Lindane	93		104		30-150	11		30	A
Alpha-BHC	91		102		30-150	11		30	A
Beta-BHC	91		115		30-150	23		30	A
Heptachlor	96		107		30-150	11		30	A
Aldrin	92		101		30-150	9		30	A
Heptachlor epoxide	90		100		30-150	11		30	A
Endrin	100		115		30-150	14		30	A
Endrin aldehyde	53		74		30-150	33	Q	30	A
Endrin ketone	82		106		30-150	26		30	A
Dieldrin	93		110		30-150	17		30	A
4,4'-DDE	85		94		30-150	10		30	A
4,4'-DDD	90		105		30-150	15		30	A
4,4'-DDT	98		119		30-150	19		30	A
Endosulfan I	84		94		30-150	11		30	A
Endosulfan II	81		95		30-150	16		30	A
Endosulfan sulfate	45		62		30-150	32	Q	30	A
Methoxychlor	112		138		30-150	21		30	A
cis-Chlordane	75		84		30-150	11		30	A
trans-Chlordane	70		75		30-150	7		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1112849-2 WG1112849-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		84		30-150	B
Decachlorobiphenyl	76		86		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	A
Decachlorobiphenyl	72		78		30-150	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08,10 Batch: WG1113101-2 WG1113101-3									
Delta-BHC	78		73		30-150	6		20	A
Lindane	76		71		30-150	6		20	A
Alpha-BHC	75		70		30-150	7		20	A
Beta-BHC	72		71		30-150	2		20	A
Heptachlor	70		67		30-150	5		20	A
Aldrin	71		66		30-150	7		20	A
Heptachlor epoxide	72		69		30-150	4		20	A
Endrin	78		78		30-150	1		20	A
Endrin aldehyde	51		48		30-150	7		20	A
Endrin ketone	71		71		30-150	0		20	A
Dieldrin	75		72		30-150	3		20	A
4,4'-DDE	69		64		30-150	6		20	A
4,4'-DDD	70		68		30-150	2		20	A
4,4'-DDT	66		66		30-150	0		20	A
Endosulfan I	73		66		30-150	9		20	A
Endosulfan II	63		63		30-150	0		20	A
Endosulfan sulfate	62		62		30-150	0		20	A
Methoxychlor	85		99		30-150	16		20	A
cis-Chlordane	65		61		30-150	6		20	A
trans-Chlordane	67		63		30-150	6		20	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 08,10 Batch: WG1113101-2 WG1113101-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		56		30-150	A
Decachlorobiphenyl	54		56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		52		30-150	B
Decachlorobiphenyl	54		54		30-150	B

METALS

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-01

Date Collected: 05/03/18 09:20

Client ID: SB-9 (14.5-16.5)

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

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	2900		mg/kg	9.30	2.51	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.65	0.353	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Arsenic, Total	1.35		mg/kg	0.930	0.193	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Barium, Total	21.8		mg/kg	0.930	0.162	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Beryllium, Total	0.232	J	mg/kg	0.465	0.031	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.930	0.091	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Calcium, Total	608		mg/kg	9.30	3.25	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Chromium, Total	9.57		mg/kg	0.930	0.089	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Cobalt, Total	2.48		mg/kg	1.86	0.154	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Copper, Total	11.2		mg/kg	0.930	0.240	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Iron, Total	7200		mg/kg	4.65	0.840	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Lead, Total	3.82	J	mg/kg	4.65	0.249	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Magnesium, Total	979		mg/kg	9.30	1.43	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Manganese, Total	43.9		mg/kg	0.930	0.148	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Mercury, Total	ND		mg/kg	0.077	0.016	1	05/04/18 07:20	05/04/18 12:58	EPA 7471B	1,7471B	MG
Nickel, Total	4.11		mg/kg	2.32	0.225	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Potassium, Total	590		mg/kg	232	13.4	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.86	0.240	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.930	0.263	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Sodium, Total	89.8	J	mg/kg	186	2.93	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.86	0.293	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Vanadium, Total	10.2		mg/kg	0.930	0.189	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC
Zinc, Total	10.5		mg/kg	4.65	0.272	2	05/04/18 19:40	05/07/18 21:11	EPA 3050B	1,6010C	LC



Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-03

Date Collected: 05/03/18 12:00

Client ID: SB-8 (18-20)

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3790		mg/kg	10.2	2.75	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	5.09	0.386	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Arsenic, Total	0.926	J	mg/kg	1.02	0.212	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Barium, Total	31.8		mg/kg	1.02	0.177	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Beryllium, Total	0.214	J	mg/kg	0.509	0.034	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	1.02	0.100	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Calcium, Total	1070		mg/kg	10.2	3.56	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Chromium, Total	8.56		mg/kg	1.02	0.098	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Cobalt, Total	3.84		mg/kg	2.03	0.169	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Copper, Total	8.33		mg/kg	1.02	0.262	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Iron, Total	9900		mg/kg	5.09	0.919	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Lead, Total	3.80	J	mg/kg	5.09	0.273	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Magnesium, Total	1470		mg/kg	10.2	1.57	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Manganese, Total	355		mg/kg	1.02	0.162	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Mercury, Total	ND		mg/kg	0.081	0.017	1	05/04/18 07:20	05/04/18 13:00	EPA 7471B	1,7471B	MG
Nickel, Total	9.47		mg/kg	2.54	0.246	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Potassium, Total	684		mg/kg	254	14.6	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	2.03	0.262	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	1.02	0.288	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Sodium, Total	59.0	J	mg/kg	203	3.20	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	2.03	0.320	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Vanadium, Total	13.2		mg/kg	1.02	0.206	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC
Zinc, Total	14.8		mg/kg	5.09	0.298	2	05/04/18 19:40	05/07/18 21:28	EPA 3050B	1,6010C	LC



Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-05

Date Collected: 05/03/18 13:40

Client ID: SB-7 (11-13)

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

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	5480		mg/kg	8.40	2.27	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.20	0.319	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Arsenic, Total	0.731	J	mg/kg	0.840	0.175	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Barium, Total	42.5		mg/kg	0.840	0.146	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Beryllium, Total	0.168	J	mg/kg	0.420	0.028	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.840	0.082	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Calcium, Total	9830		mg/kg	8.40	2.94	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Chromium, Total	10.2		mg/kg	0.840	0.081	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Cobalt, Total	4.46		mg/kg	1.68	0.139	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Copper, Total	14.9		mg/kg	0.840	0.217	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Iron, Total	9040		mg/kg	4.20	0.758	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Lead, Total	7.78		mg/kg	4.20	0.225	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Magnesium, Total	2670		mg/kg	8.40	1.29	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Manganese, Total	110		mg/kg	0.840	0.134	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Mercury, Total	0.022	J	mg/kg	0.068	0.014	1	05/04/18 07:20	05/04/18 13:02	EPA 7471B	1,7471B	MG
Nickel, Total	9.15		mg/kg	2.10	0.203	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Potassium, Total	1770		mg/kg	210	12.1	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.68	0.217	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.840	0.238	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Sodium, Total	117	J	mg/kg	168	2.64	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.68	0.264	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Vanadium, Total	13.6		mg/kg	0.840	0.170	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC
Zinc, Total	23.4		mg/kg	4.20	0.246	2	05/04/18 19:40	05/07/18 21:33	EPA 3050B	1,6010C	LC



Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-07

Date Collected: 05/03/18 10:30

Client ID: SB-1/GW

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.73		mg/l	0.0100	0.00327	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Antimony, Total	0.00746		mg/l	0.00400	0.00042	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00195		mg/l	0.00050	0.00016	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Barium, Total	0.1686		mg/l	0.00050	0.00017	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00023	J	mg/l	0.00050	0.00010	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00021		mg/l	0.00020	0.00005	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Calcium, Total	34.2		mg/l	0.100	0.0394	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Chromium, Total	0.01004		mg/l	0.00100	0.00017	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00273		mg/l	0.00050	0.00016	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Copper, Total	0.01336		mg/l	0.00150	0.00038	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Iron, Total	3.55		mg/l	0.0500	0.0191	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Lead, Total	0.1214		mg/l	0.00100	0.00034	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Magnesium, Total	2.85		mg/l	0.0700	0.0242	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Manganese, Total	0.1657		mg/l	0.00100	0.00044	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	05/04/18 10:28	05/04/18 20:28	EPA 7470A	1,7470A	EA
Nickel, Total	0.00588		mg/l	0.00200	0.00055	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Potassium, Total	1.34		mg/l	0.100	0.0309	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Silver, Total	0.00030	J	mg/l	0.00040	0.00016	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Sodium, Total	12.4		mg/l	0.100	0.0293	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Thallium, Total	0.00017	J	mg/l	0.00050	0.00014	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Vanadium, Total	0.00741		mg/l	0.00500	0.00157	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM
Zinc, Total	0.09571		mg/l	0.01000	0.00341	1	05/04/18 13:45	05/07/18 18:00	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-08

Date Collected: 05/03/18 10:30

Client ID: SB-1/GW - FILTERED

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0198		mg/l	0.0100	0.00327	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00055	J	mg/l	0.00400	0.00042	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00071		mg/l	0.00050	0.00016	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.01873		mg/l	0.00050	0.00017	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	0.00033		mg/l	0.00020	0.00005	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Calcium, Dissolved	33.2		mg/l	0.100	0.0394	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00101		mg/l	0.00100	0.00017	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00219		mg/l	0.00200	0.00038	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00043	J	mg/l	0.00100	0.00034	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	1.89		mg/l	0.0700	0.0242	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.01461		mg/l	0.00100	0.00044	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/04/18 15:55	05/04/18 22:48	EPA 7470A	1,7470A	EA
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Potassium, Dissolved	0.971		mg/l	0.100	0.0309	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Sodium, Dissolved	11.4		mg/l	0.100	0.0293	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00396	J	mg/l	0.01000	0.00341	1	05/05/18 11:05	05/07/18 11:46	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-09

Date Collected: 05/03/18 14:00

Client ID: SB-9/GW

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8.15		mg/l	0.0100	0.00327	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Antimony, Total	0.00167	J	mg/l	0.00400	0.00042	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00423		mg/l	0.00050	0.00016	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Barium, Total	0.3283		mg/l	0.00050	0.00017	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00080		mg/l	0.00050	0.00010	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00018	J	mg/l	0.00020	0.00005	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Calcium, Total	85.5		mg/l	0.100	0.0394	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Chromium, Total	0.03215		mg/l	0.00100	0.00017	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Cobalt, Total	0.01368		mg/l	0.00050	0.00016	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Copper, Total	0.04376		mg/l	0.00150	0.00038	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Iron, Total	14.6		mg/l	0.0500	0.0191	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Lead, Total	0.01960		mg/l	0.00100	0.00034	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Magnesium, Total	21.6		mg/l	0.0700	0.0242	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Manganese, Total	1.540		mg/l	0.00100	0.00044	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	05/04/18 10:28	05/04/18 20:30	EPA 7470A	1,7470A	EA
Nickel, Total	0.01988		mg/l	0.00200	0.00055	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Potassium, Total	5.57		mg/l	0.100	0.0309	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Selenium, Total	0.00247	J	mg/l	0.00500	0.00173	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Sodium, Total	74.0		mg/l	0.100	0.0293	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Vanadium, Total	0.02998		mg/l	0.00500	0.00157	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM
Zinc, Total	0.03612		mg/l	0.01000	0.00341	1	05/04/18 13:45	05/07/18 18:04	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**SAMPLE RESULTS**

Lab ID: L1815892-10

Date Collected: 05/03/18 14:00

Client ID: SB-9/GW - FILTERED

Date Received: 05/03/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00396	J	mg/l	0.0100	0.00327	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00085	J	mg/l	0.00400	0.00042	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00019	J	mg/l	0.00050	0.00016	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1004		mg/l	0.00050	0.00017	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Calcium, Dissolved	79.4		mg/l	0.100	0.0394	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00076		mg/l	0.00050	0.00016	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00174	J	mg/l	0.00200	0.00038	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	17.8		mg/l	0.0700	0.0242	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.2125		mg/l	0.00100	0.00044	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/04/18 15:55	05/04/18 23:11	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00188	J	mg/l	0.00200	0.00055	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Potassium, Dissolved	4.42		mg/l	0.100	0.0309	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Sodium, Dissolved	68.3		mg/l	0.100	0.0293	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/05/18 11:05	05/07/18 12:45	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

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): 01,03,05 Batch: WG1112513-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	05/04/18 07:20	05/04/18 11:29	1,7471B	MG

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): 07,09 Batch: WG1112632-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	05/04/18 10:28	05/04/18 20:08	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07,09 Batch: WG1112712-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Antimony, Total	0.00072	J	mg/l	0.00400	0.00042	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Copper, Total	ND		mg/l	0.00150	0.00038	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Selenium, Total	ND	mg/l	0.00500	0.00173	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Silver, Total	ND	mg/l	0.00040	0.00016	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Sodium, Total	ND	mg/l	0.100	0.0293	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Thallium, Total	ND	mg/l	0.00050	0.00014	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM
Zinc, Total	ND	mg/l	0.01000	0.00341	1	05/04/18 13:45	05/07/18 16:19	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 08,10 Batch: WG1112747-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Antimony, Dissolved	0.00118	J	mg/l	0.00400	0.00042	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Copper, Dissolved	0.00171	J	mg/l	0.00200	0.00038	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Iron, Dissolved	0.0204	J	mg/l	0.0500	0.0191	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/05/18 11:05	05/07/18 11:34	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1815892

Project Number: 2984.0001Y000

Report Date: 05/09/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 08,10 Batch: WG1112758-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/04/18 15:55	05/04/18 22:41	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05 Batch: WG1112806-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Arsenic, Total	0.104	J	mg/kg	0.400	0.083	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Iron, Total	0.672	J	mg/kg	2.00	0.361	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Potassium, Total	ND		mg/kg	100	5.76	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC



Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18

Method Blank Analysis Batch Quality Control

Zinc, Total	ND	mg/kg	2.00	0.117	1	05/04/18 19:40	05/07/18 19:19	1,6010C	LC
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Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815892**Report Date:** 05/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1112513-2 SRM Lot Number: D098-540								
Mercury, Total	93		-		50-149	-		
Total Metals - Mansfield Lab Associated sample(s): 07,09 Batch: WG1112632-2								
Mercury, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07,09 Batch: WG1112712-2					
Aluminum, Total	101	-	80-120	-	
Antimony, Total	110	-	80-120	-	
Arsenic, Total	105	-	80-120	-	
Barium, Total	103	-	80-120	-	
Beryllium, Total	108	-	80-120	-	
Cadmium, Total	113	-	80-120	-	
Calcium, Total	93	-	80-120	-	
Chromium, Total	97	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	94	-	80-120	-	
Iron, Total	107	-	80-120	-	
Lead, Total	108	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	101	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	107	-	80-120	-	
Silver, Total	100	-	80-120	-	
Sodium, Total	99	-	80-120	-	
Thallium, Total	98	-	80-120	-	
Vanadium, Total	99	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815892**Report Date:** 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07,09 Batch: WG1112712-2					
Zinc, Total	109	-	80-120	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 Batch: WG1112747-2					
Aluminum, Dissolved	103	-	80-120	-	
Antimony, Dissolved	118	-	80-120	-	
Arsenic, Dissolved	106	-	80-120	-	
Barium, Dissolved	107	-	80-120	-	
Beryllium, Dissolved	111	-	80-120	-	
Cadmium, Dissolved	115	-	80-120	-	
Calcium, Dissolved	97	-	80-120	-	
Chromium, Dissolved	101	-	80-120	-	
Cobalt, Dissolved	105	-	80-120	-	
Copper, Dissolved	99	-	80-120	-	
Iron, Dissolved	113	-	80-120	-	
Lead, Dissolved	112	-	80-120	-	
Magnesium, Dissolved	105	-	80-120	-	
Manganese, Dissolved	100	-	80-120	-	
Nickel, Dissolved	101	-	80-120	-	
Potassium, Dissolved	103	-	80-120	-	
Selenium, Dissolved	103	-	80-120	-	
Silver, Dissolved	103	-	80-120	-	
Sodium, Dissolved	99	-	80-120	-	
Thallium, Dissolved	103	-	80-120	-	
Vanadium, Dissolved	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 Batch: WG1112747-2					
Zinc, Dissolved	109	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 Batch: WG1112758-2					
Mercury, Dissolved	104	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1112806-2 SRM Lot Number: D098-540					
Aluminum, Total	66	-	47-153	-	
Antimony, Total	141	-	6-194	-	
Arsenic, Total	94	-	83-117	-	
Barium, Total	84	-	82-118	-	
Beryllium, Total	96	-	83-117	-	
Cadmium, Total	91	-	82-117	-	
Calcium, Total	86	-	81-118	-	
Chromium, Total	88	-	83-119	-	
Cobalt, Total	92	-	84-116	-	
Copper, Total	89	-	84-116	-	
Iron, Total	88	-	60-140	-	
Lead, Total	86	-	82-117	-	
Magnesium, Total	80	-	76-124	-	
Manganese, Total	86	-	82-118	-	
Nickel, Total	90	-	82-117	-	
Potassium, Total	82	-	69-131	-	
Selenium, Total	92	-	78-121	-	
Silver, Total	90	-	80-120	-	
Sodium, Total	94	-	74-126	-	
Thallium, Total	89	-	80-119	-	
Vanadium, Total	89	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 Batch: WG1112806-2 SRM Lot Number: D098-540					
Zinc, Total	90	-	81-119	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

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): 01,03,05 QC Batch ID: WG1112513-3 QC Sample: L1815934-01 Client ID: MS Sample												
Mercury, Total	1.69	0.143	1.98	203	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 07,09 QC Batch ID: WG1112632-3 QC Sample: L1815827-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00500	100		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

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): 07,09			QC Batch ID: WG1112712-3		QC Sample: L1815939-01		Client ID: MS Sample		
Aluminum, Total	ND	2	2.15	108	-	-	75-125	-	20
Antimony, Total	0.0007J	0.5	0.6158	123	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1390	116	-	-	75-125	-	20
Barium, Total	0.0003J	2	2.164	108	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05598	112	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.06084	119	-	-	75-125	-	20
Calcium, Total	31.3	10	42.1	108	-	-	75-125	-	20
Chromium, Total	0.0002J	0.2	0.2085	104	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5339	107	-	-	75-125	-	20
Copper, Total	0.0006J	0.25	0.2491	100	-	-	75-125	-	20
Iron, Total	ND	1	1.20	120	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5710	112	-	-	75-125	-	20
Magnesium, Total	6.67	10	18.0	113	-	-	75-125	-	20
Manganese, Total	0.01775	0.5	0.5424	105	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.5184	104	-	-	75-125	-	20
Potassium, Total	0.306	10	11.2	109	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.134	112	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05274	105	-	-	75-125	-	20
Sodium, Total	3.75	10	13.9	102	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1222	102	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5312	106	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

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): 07,09			QC Batch ID: WG1112712-3		QC Sample: L1815939-01		Client ID: MS Sample		
Zinc, Total	ND	0.5	0.5566	111	-	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG1112747-3 QC Sample: L1815892-08 Client ID: SB-1/GW - FILTERED									
Aluminum, Dissolved	0.0198	2	2.17	108	-	-	75-125	-	20
Antimony, Dissolved	0.00055J	0.5	0.6223	124	-	-	75-125	-	20
Arsenic, Dissolved	0.00071	0.12	0.1332	110	-	-	75-125	-	20
Barium, Dissolved	0.01873	2	2.241	111	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05612	112	-	-	75-125	-	20
Cadmium, Dissolved	0.00033	0.051	0.06241	122	-	-	75-125	-	20
Calcium, Dissolved	33.2	10	44.0	108	-	-	75-125	-	20
Chromium, Dissolved	0.00101	0.2	0.2064	103	-	-	75-125	-	20
Cobalt, Dissolved	ND	0.5	0.5260	105	-	-	75-125	-	20
Copper, Dissolved	0.00219	0.25	0.2568	102	-	-	75-125	-	20
Iron, Dissolved	ND	1	1.16	116	-	-	75-125	-	20
Lead, Dissolved	0.00043J	0.51	0.5766	113	-	-	75-125	-	20
Magnesium, Dissolved	1.89	10	12.5	106	-	-	75-125	-	20
Manganese, Dissolved	0.01461	0.5	0.5275	102	-	-	75-125	-	20
Nickel, Dissolved	ND	0.5	0.5146	103	-	-	75-125	-	20
Potassium, Dissolved	0.971	10	11.0	100	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.128	107	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05239	105	-	-	75-125	-	20
Sodium, Dissolved	11.4	10	22.0	106	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1243	104	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5147	103	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG1112747-3 QC Sample: L1815892-08 Client ID: SB-1/GW - FILTERED									
Zinc, Dissolved	0.00396J	0.5	0.5593	112	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG1112758-3 QC Sample: L1815892-08 Client ID: SB-1/GW - FILTERED									
Mercury, Dissolved	ND	0.005	0.00525	105	-	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

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): 01,03,05 QC Batch ID: WG1112806-3 QC Sample: L1815726-01 Client ID: MS Sample									
Aluminum, Total	6980	179	7750	430	Q	-	75-125	-	20
Antimony, Total	ND	44.8	38.1	85		-	75-125	-	20
Arsenic, Total	1.94	10.8	12.1	94		-	75-125	-	20
Barium, Total	79.0	179	234	86		-	75-125	-	20
Beryllium, Total	0.430J	4.48	4.50	100		-	75-125	-	20
Cadmium, Total	ND	4.57	3.37	74	Q	-	75-125	-	20
Calcium, Total	2420	896	2260	0	Q	-	75-125	-	20
Chromium, Total	14.8	17.9	34.1	108		-	75-125	-	20
Cobalt, Total	7.34	44.8	43.5	81		-	75-125	-	20
Copper, Total	11.6	22.4	32.5	93		-	75-125	-	20
Iron, Total	16200	89.6	16900	781	Q	-	75-125	-	20
Lead, Total	11.1	45.7	49.0	83		-	75-125	-	20
Magnesium, Total	3810	896	4620	90		-	75-125	-	20
Manganese, Total	262.	44.8	202	0	Q	-	75-125	-	20
Nickel, Total	15.2	44.8	51.6	81		-	75-125	-	20
Potassium, Total	1460	896	2400	105		-	75-125	-	20
Selenium, Total	0.298J	10.8	9.08	84		-	75-125	-	20
Silver, Total	ND	26.9	25.3	94		-	75-125	-	20
Sodium, Total	113.J	896	999	111		-	75-125	-	20
Thallium, Total	ND	10.8	7.89	73	Q	-	75-125	-	20
Vanadium, Total	20.3	44.8	64.7	99		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

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): 01,03,05 QC Batch ID: WG1112806-3 QC Sample: L1815726-01 Client ID: MS Sample									
Zinc, Total	44.4	44.8	84.2	89	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1112513-4 QC Sample: L1815934-01 Client ID: DUP Sample						
Mercury, Total	1.69	2.74	mg/kg	47	Q	20
Total Metals - Mansfield Lab Associated sample(s): 07,09 QC Batch ID: WG1112632-4 QC Sample: L1815827-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 07,09 QC Batch ID: WG1112712-4 QC Sample: L1815939-01 Client ID: DUP Sample						
Manganese, Total	0.01775	0.01790	mg/l	1		20

Lab Duplicate Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG1112747-4 QC Sample: L1815892-08 Client ID: SB-1/GW - FILTERED					
Aluminum, Dissolved	0.0198	0.0183	mg/l	8	20
Antimony, Dissolved	0.00055J	0.00061J	mg/l	NC	20
Arsenic, Dissolved	0.00071	0.00072	mg/l	1	20
Barium, Dissolved	0.01873	0.01789	mg/l	5	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	0.00033	ND	mg/l	NC	20
Calcium, Dissolved	33.2	33.7	mg/l	1	20
Chromium, Dissolved	0.00101	0.00104	mg/l	3	20
Cobalt, Dissolved	ND	ND	mg/l	NC	20
Copper, Dissolved	0.00219	0.00128J	mg/l	NC	20
Iron, Dissolved	ND	ND	mg/l	NC	20
Lead, Dissolved	0.00043J	0.00041J	mg/l	NC	20
Magnesium, Dissolved	1.89	1.91	mg/l	1	20
Manganese, Dissolved	0.01461	0.01395	mg/l	5	20
Nickel, Dissolved	ND	ND	mg/l	NC	20
Potassium, Dissolved	0.971	0.960	mg/l	1	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	11.4	11.7	mg/l	3	20

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1815892
Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG1112747-4 QC Sample: L1815892-08 Client ID: SB-1/GW - FILTERED					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.00396J	0.00364J	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 08,10 QC Batch ID: WG1112758-4 QC Sample: L1815892-08 Client ID: SB-1/GW - FILTERED					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Lab Duplicate Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1112806-4 QC Sample: L1815726-01 Client ID: DUP Sample					
Aluminum, Total	6980	6810	mg/kg	2	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	1.94	1.83	mg/kg	6	20
Barium, Total	79.0	63.3	mg/kg	22	Q 20
Beryllium, Total	0.430J	0.434	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	2420	2400	mg/kg	1	20
Chromium, Total	14.8	15.4	mg/kg	4	20
Cobalt, Total	7.34	7.32	mg/kg	0	20
Copper, Total	11.6	10.9	mg/kg	6	20
Iron, Total	16200	16400	mg/kg	1	20
Lead, Total	11.1	9.96	mg/kg	11	20
Magnesium, Total	3810	3800	mg/kg	0	20
Manganese, Total	262.	210	mg/kg	22	Q 20
Nickel, Total	15.2	15.0	mg/kg	1	20
Potassium, Total	1460	1480	mg/kg	1	20
Selenium, Total	0.298J	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	113.J	117J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05 QC Batch ID: WG1112806-4 QC Sample: L1815726-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	20.3	20.8	mg/kg	2	20
Zinc, Total	44.4	42.7	mg/kg	4	20

INORGANICS & MISCELLANEOUS

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815892**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815892-01**Client ID:** SB-9 (14.5-16.5)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/03/18 09:20**Date Received:** 05/03/18**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	83.1		%	0.100	NA	1	-	05/04/18 15:31	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-02

Client ID: SB-9 (16)

Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 09:20

Date Received: 05/03/18

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	86.5		%	0.100	NA	1	-	05/04/18 09:28	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815892**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815892-03**Client ID:** SB-8 (18-20)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/03/18 12:00**Date Received:** 05/03/18**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	78.2		%	0.100	NA	1	-	05/04/18 15:31	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1815892

Report Date: 05/09/18

SAMPLE RESULTS

Lab ID: L1815892-04

Client ID: SB-8 (19)

Sample Location: EAST HARLEM, NY

Date Collected: 05/03/18 12:00

Date Received: 05/03/18

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	80.2		%	0.100	NA	1	-	05/04/18 09:28	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815892**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815892-05**Client ID:** SB-7 (11-13)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/03/18 13:40**Date Received:** 05/03/18**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	92.3		%	0.100	NA	1	-	05/04/18 15:31	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1815892**Report Date:** 05/09/18**SAMPLE RESULTS****Lab ID:** L1815892-06**Client ID:** SB-7X (12.5)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/03/18 13:40**Date Received:** 05/03/18**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	86.6		%	0.100	NA	1	-	05/04/18 09:28	121,2540G	RI



Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1815892
Report Date: 05/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02,04,06 QC Batch ID: WG1112589-1 QC Sample: L1815863-03 Client ID: DUP Sample						
Solids, Total	85.9	85.9	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01,03,05 QC Batch ID: WG1112742-1 QC Sample: L1816043-04 Client ID: DUP Sample						
Solids, Total	12.8	11.5	%	11		20

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815892-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815892-01B	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		-
L1815892-01C	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1815892-02A	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-02B	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-02C	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-02D	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L1815892-02X	Vial MeOH preserved split	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-02Y	Vial Water preserved split	A	NA		4.6	Y	Absent	04-MAY-18 06:56	NYTCL-8260HLW(14)
L1815892-02Z	Vial Water preserved split	A	NA		4.6	Y	Absent	04-MAY-18 06:56	NYTCL-8260HLW(14)
L1815892-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815892-03B	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		-
L1815892-03C	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1815892-04A	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-04B	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-04C	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05091816:54
Lab Number: L1815892
Report Date: 05/09/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815892-04D	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L1815892-04X	Vial MeOH preserved split	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-04Y	Vial Water preserved split	A	NA		4.6	Y	Absent	04-MAY-18 06:56	NYTCL-8260HLW(14)
L1815892-04Z	Vial Water preserved split	A	NA		4.6	Y	Absent	04-MAY-18 06:56	NYTCL-8260HLW(14)
L1815892-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1815892-05B	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		-
L1815892-05C	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1815892-06A	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-06B	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-06C	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-06D	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L1815892-06X	Vial MeOH preserved split	A	NA		4.6	Y	Absent		NYTCL-8260HLW(14)
L1815892-06Y	Vial Water preserved split	A	NA		4.6	Y	Absent	04-MAY-18 06:56	NYTCL-8260HLW(14)
L1815892-06Z	Vial Water preserved split	A	NA		4.6	Y	Absent	04-MAY-18 06:56	NYTCL-8260HLW(14)
L1815892-07A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L1815892-07B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L1815892-07C	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L1815892-07D	Plastic 250ml HNO3 preserved	B	<2	<2	3.6	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1815892-07E	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815892-07F	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815892-07G	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8081(7)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05091816:54
Lab Number: L1815892
Report Date: 05/09/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815892-07H	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8081(7)
L1815892-07I	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815892-07J	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815892-08A	Plastic 250ml unpreserved	B	7	7	3.6	Y	Absent		-
L1815892-08B	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1)
L1815892-08C	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1)
L1815892-08D	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1)
L1815892-08E	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1)
L1815892-08F	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1)
L1815892-08G	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1)
L1815892-08M	Amber 1000ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815892-08N	Amber 500ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-1200ML(7)
L1815892-08O	Amber 500ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8081(7)
L1815892-08P	Amber 1000ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815892-08Q	Amber 1000ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815892-08R	Amber 1000ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815892-08X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.6	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1815892-09A	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L1815892-09B	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)
L1815892-09C	Vial HCl preserved	B	NA		3.6	Y	Absent		NYTCL-8260(14)

Project Name: SENDERO VERDE**Lab Number:** L1815892**Project Number:** 2984.0001Y000**Report Date:** 05/09/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815892-09D	Plastic 250ml HNO3 preserved	B	<2	<2	3.6	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1815892-09E	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815892-09F	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815892-09G	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8081(7)
L1815892-09H	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8081(7)
L1815892-09I	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815892-09J	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815892-10A	Plastic 250ml unpreserved	B	7	7	3.6	Y	Absent		-
L1815892-10B	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1),NYTCL-8081(7)
L1815892-10C	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1),NYTCL-8081(7)
L1815892-10D	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1),NYTCL-8081(7)
L1815892-10E	Amber 120ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1),NYTCL-8081(7)
L1815892-10F	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1),NYTCL-8081(7)
L1815892-10G	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		FILTER-EXT(1),NYTCL-8081(7)
L1815892-10M	Amber 1000ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815892-10N	Amber 500ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8082-1200ML(7)
L1815892-10O	Amber 500ml unpreserved Filtrates	B	NA		3.6	Y	Absent		-
L1815892-10P	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815892-10Q	Amber 1000ml unpreserved	B	7	7	3.6	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1815892-10R	Amber 1000ml unpreserved Filtrates	B	NA		3.6	Y	Absent		NYTCL-8082-1200ML(7)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05091816:54
Lab Number: L1815892
Report Date: 05/09/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1815892-10X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.6	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
- 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

Report Format: DU Report with 'J' Qualifiers



Project Name: SENDERO VERDE
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Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- 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).
- 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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1815892
Report Date: 05/09/18

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; 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.

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, SM4500CI-D, SM2320B, SM2540C, SM4500H-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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 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 <u>1</u> of <u>1</u>		Date Rec'd <u>05/03/18</u> By <u>LT 5812</u>	
		Project Information Project Name: <u>Sendero Verde</u> Project Location: <u>East Haverly, NY</u> Project # <u>2984.0001Y000</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> Other <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (4 File)		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #	
Client Information Client: <u>Roux</u> Address: <u>209 Slatoff St</u> <u>Islandia, NY 11749</u> Phone: <u>631-232-2600</u> Fax: <u>631-232-9898</u> Email: <u>jmararity@rouxinc.com</u>		Project Manager: <u>Julie Mararity</u> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> AWW Standards <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge <input type="checkbox"/> NY Part 375 <input type="checkbox"/> NY CP-51 <input type="checkbox"/> Other		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
These samples have been previously analyzed by Alpha <input type="checkbox"/>						ANALYSIS	
Other project specific requirements/comments: <u>For GW samples: hold PCB + Pest filtered samples.</u> <u>SVOCs + metals (total dissolved) run.</u>						Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Please specify Metals or TAL.						Sample Specific Comments	
ALPHA (Lab ID) (N.Y. Lab ID)		Sample ID		Collection Date Time		Sample Matrix Sampler's Initials	
15812-1		SB-9 (14.5-16.5)		5/3/18 9:20		Soil VS	
02		SB-9 (16)		9:20		X	
03		SB-8 (18-20)		12:00		X	
04		SB-8 (19)		12:00		X	
05		SB-7 (11-13)		13:40		X	
06		SB-7 (12.5)		13:40		X	
07 / 08		SB-1/GW		10:30		X	
09/10		SB-9/GW		14:00		X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O 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 Preservative	
E/V A P P P P		A/B A A A C A		Relinquished By: <u>Valerie Slatoff</u> <u>5/3/18 15:00</u> <u>5/3 1937</u>		Received By: <u>Ronette Jackson</u> <u>5/3 1500</u> <u>5/3/18 23:45</u>	
Form No: 01-25 HC (rev. 30-Sept-2013)		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.)					



ANALYTICAL REPORT

Lab Number:	L1816140
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749
ATTN:	Julie Moriarity
Phone:	(631) 232-2600
Project Name:	SENDERO VERDE
Project Number:	2984.0001Y000
Report Date:	05/10/18

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-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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1816140-01	SB-11 (8-10)	SOIL	EAST HARLEM, NY	05/04/18 12:00	05/04/18
L1816140-02	SB-11 (8)	SOIL	EAST HARLEM, NY	05/04/18 12:00	05/04/18
L1816140-03	SB-12 (17-19)	SOIL	EAST HARLEM, NY	05/04/18 13:30	05/04/18
L1816140-04	SB-12 (18)	SOIL	EAST HARLEM, NY	05/04/18 13:30	05/04/18
L1816140-05	SB-11 / GW	WATER	EAST HARLEM, NY	05/04/18 13:00	05/04/18
L1816140-06	SB-11 / GW FILTERED	WATER	EAST HARLEM, NY	05/04/18 13:00	05/04/18

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

Case Narrative (continued)

Report Submission

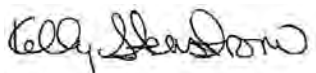
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L1816140-01 and -03: 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 05/10/18

ORGANICS

VOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-02
 Client ID: SB-11 (8)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/09/18 09:53
 Analyst: JC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	2.5	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.41	1
Chloroform	ND		ug/kg	2.3	0.56	1
Carbon tetrachloride	ND		ug/kg	1.5	0.52	1
1,2-Dichloropropane	ND		ug/kg	5.3	0.35	1
Dibromochloromethane	ND		ug/kg	1.5	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.48	1
Tetrachloroethene	ND		ug/kg	1.5	0.46	1
Chlorobenzene	ND		ug/kg	1.5	0.53	1
Trichlorofluoromethane	ND		ug/kg	7.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.53	1
Bromodichloromethane	ND		ug/kg	1.5	0.47	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.35	1
1,3-Dichloropropene, Total	ND		ug/kg	1.5	0.32	1
1,1-Dichloropropene	ND		ug/kg	7.6	0.50	1
Bromoform	ND		ug/kg	6.1	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.45	1
Benzene	ND		ug/kg	1.5	0.29	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.5	0.26	1
Chloromethane	ND		ug/kg	7.6	0.66	1
Bromomethane	ND		ug/kg	3.0	0.51	1
Vinyl chloride	ND		ug/kg	3.0	0.48	1
Chloroethane	ND		ug/kg	3.0	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.56	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.37	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-02
 Client ID: SB-11 (8)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.5	0.46	1
1,2-Dichlorobenzene	ND		ug/kg	7.6	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	7.6	0.33	1
1,4-Dichlorobenzene	ND		ug/kg	7.6	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.23	1
p/m-Xylene	ND		ug/kg	3.0	0.53	1
o-Xylene	ND		ug/kg	3.0	0.51	1
Xylenes, Total	ND		ug/kg	3.0	0.51	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.52	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.37	1
Dibromomethane	ND		ug/kg	15	0.36	1
Styrene	ND		ug/kg	3.0	0.61	1
Dichlorodifluoromethane	ND		ug/kg	15	0.76	1
Acetone	ND		ug/kg	15	3.5	1
Carbon disulfide	ND		ug/kg	15	1.7	1
2-Butanone	ND		ug/kg	15	1.0	1
Vinyl acetate	ND		ug/kg	15	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.37	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.27	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.6	0.54	1
2,2-Dichloropropane	ND		ug/kg	7.6	0.68	1
1,2-Dibromoethane	ND		ug/kg	6.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	7.6	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.48	1
Bromobenzene	ND		ug/kg	7.6	0.33	1
n-Butylbenzene	ND		ug/kg	1.5	0.35	1
sec-Butylbenzene	ND		ug/kg	1.5	0.33	1
tert-Butylbenzene	ND		ug/kg	7.6	0.38	1
o-Chlorotoluene	ND		ug/kg	7.6	0.34	1
p-Chlorotoluene	ND		ug/kg	7.6	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.6	0.60	1
Hexachlorobutadiene	ND		ug/kg	7.6	0.53	1
Isopropylbenzene	ND		ug/kg	1.5	0.30	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.31	1
Naphthalene	ND		ug/kg	7.6	0.21	1
Acrylonitrile	ND		ug/kg	15	0.78	1

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-02
Client ID: SB-11 (8)
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00
Date Received: 05/04/18
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.33	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.6	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.6	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.6	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.6	0.28	1
1,4-Dioxane	ND		ug/kg	61	22.	1
p-Diethylbenzene	ND		ug/kg	6.1	6.1	1
p-Ethyltoluene	ND		ug/kg	6.1	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.1	0.24	1
Ethyl ether	ND		ug/kg	7.6	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-04
 Client ID: SB-12 (18)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:30
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/09/18 10:20
 Analyst: JC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	2.3	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.38	1
Chloroform	2.0	J	ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.48	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.44	1
Tetrachloroethene	ND		ug/kg	1.4	0.42	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.59	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.49	1
Bromodichloromethane	ND		ug/kg	1.4	0.43	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.32	1
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.29	1
1,1-Dichloropropene	ND		ug/kg	7.0	0.46	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.42	1
Benzene	ND		ug/kg	1.4	0.27	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.24	1
Chloromethane	ND		ug/kg	7.0	0.61	1
Bromomethane	ND		ug/kg	2.8	0.48	1
Vinyl chloride	ND		ug/kg	2.8	0.44	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.52	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.34	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-04
 Client ID: SB-12 (18)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:30
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Trichloroethene	ND		ug/kg	1.4	0.42	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.31	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.22	1
p/m-Xylene	ND		ug/kg	2.8	0.49	1
o-Xylene	ND		ug/kg	2.8	0.48	1
Xylenes, Total	ND		ug/kg	2.8	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.48	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.34	1
Dibromomethane	ND		ug/kg	14	0.34	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.70	1
Acetone	4.6	J	ug/kg	14	3.2	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.97	1
Vinyl acetate	ND		ug/kg	14	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.25	1
2-Hexanone	ND		ug/kg	14	0.94	1
Bromochloromethane	ND		ug/kg	7.0	0.50	1
2,2-Dichloropropane	ND		ug/kg	7.0	0.63	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.28	1
1,3-Dichloropropane	ND		ug/kg	7.0	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.45	1
Bromobenzene	ND		ug/kg	7.0	0.31	1
n-Butylbenzene	ND		ug/kg	1.4	0.32	1
sec-Butylbenzene	ND		ug/kg	1.4	0.30	1
tert-Butylbenzene	ND		ug/kg	7.0	0.35	1
o-Chlorotoluene	ND		ug/kg	7.0	0.31	1
p-Chlorotoluene	ND		ug/kg	7.0	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.56	1
Hexachlorobutadiene	ND		ug/kg	7.0	0.49	1
Isopropylbenzene	ND		ug/kg	1.4	0.27	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.28	1
Naphthalene	ND		ug/kg	7.0	0.19	1
Acrylonitrile	ND		ug/kg	14	0.72	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS****Lab ID:** L1816140-04**Date Collected:** 05/04/18 13:30**Client ID:** SB-12 (18)**Date Received:** 05/04/18**Sample Location:** EAST HARLEM, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.0	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.0	0.26	1
1,4-Dioxane	ND		ug/kg	56	20.	1
p-Diethylbenzene	ND		ug/kg	5.6	5.6	1
p-Ethyltoluene	ND		ug/kg	5.6	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.6	0.22	1
Ethyl ether	ND		ug/kg	7.0	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-05
 Client ID: SB-11 / GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 05/07/18 22:23
 Analyst: NLK

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	29		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	3.2		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: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-05
 Client ID: SB-11 / GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 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	3.8	J	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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-05
Client ID: SB-11 / GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
Date Received: 05/04/18
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	114		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	108		70-130

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/07/18 19:50
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1113632-5					
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: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/07/18 19:50
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1113632-5					
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: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/07/18 19:50
 Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1113632-5					
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	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	103		70-130

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/09/18 08:35
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04 Batch: WG1114095-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21
1,1-Dichloropropene	ND		ug/kg	5.0	0.33
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	0.44	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/09/18 08:35
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04 Batch: WG1114095-5					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.24
Dibromomethane	ND		ug/kg	10	0.24
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
Vinyl acetate	ND		ug/kg	10	0.15
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.18
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.36
2,2-Dichloropropane	ND		ug/kg	5.0	0.45
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
1,3-Dichloropropane	ND		ug/kg	5.0	0.18
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.22
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
o-Chlorotoluene	ND		ug/kg	5.0	0.22

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/09/18 08:35
 Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04 Batch: WG1114095-5					
p-Chlorotoluene	ND		ug/kg	5.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.35
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.25
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
1,4-Dioxane	ND		ug/kg	40	14.
p-Diethylbenzene	ND		ug/kg	4.0	4.0
p-Ethyltoluene	ND		ug/kg	4.0	0.23
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.16
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1113632-3 WG1113632-4								
Methylene chloride	92		94		70-130	2		20
1,1-Dichloroethane	93		95		70-130	2		20
Chloroform	93		96		70-130	3		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	89		92		70-130	3		20
Dibromochloromethane	90		94		63-130	4		20
1,1,2-Trichloroethane	91		97		70-130	6		20
Tetrachloroethene	98		100		70-130	2		20
Chlorobenzene	90		92		75-130	2		20
Trichlorofluoromethane	130		120		62-150	8		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	94		96		67-130	2		20
trans-1,3-Dichloropropene	90		93		70-130	3		20
cis-1,3-Dichloropropene	90		94		70-130	4		20
1,1-Dichloropropene	99		100		70-130	1		20
Bromoform	89		93		54-136	4		20
1,1,2,2-Tetrachloroethane	87		92		67-130	6		20
Benzene	93		95		70-130	2		20
Toluene	88		90		70-130	2		20
Ethylbenzene	92		95		70-130	3		20
Chloromethane	90		94		64-130	4		20
Bromomethane	54		76		39-139	34	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1113632-3 WG1113632-4								
Vinyl chloride	83		89		55-140	7		20
Chloroethane	87		87		55-138	0		20
1,1-Dichloroethene	95		99		61-145	4		20
trans-1,2-Dichloroethene	93		93		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	89		91		70-130	2		20
1,3-Dichlorobenzene	90		91		70-130	1		20
1,4-Dichlorobenzene	88		90		70-130	2		20
Methyl tert butyl ether	92		100		63-130	8		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	88		91		70-130	3		20
Dibromomethane	91		95		70-130	4		20
1,2,3-Trichloropropane	86		97		64-130	12		20
Acrylonitrile	86		100		70-130	15		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	97		98		36-147	1		20
Acetone	150	Q	130		58-148	14		20
Carbon disulfide	99		100		51-130	1		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	94		100		70-130	6		20
4-Methyl-2-pentanone	84		98		59-130	15		20
2-Hexanone	88		97		57-130	10		20

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1113632-3 WG1113632-4								
Bromochloromethane	96		99		70-130	3		20
2,2-Dichloropropane	100		110		63-133	10		20
1,2-Dibromoethane	90		94		70-130	4		20
1,3-Dichloropropane	86		91		70-130	6		20
1,1,1,2-Tetrachloroethane	92		94		64-130	2		20
Bromobenzene	88		90		70-130	2		20
n-Butylbenzene	97		100		53-136	3		20
sec-Butylbenzene	95		98		70-130	3		20
tert-Butylbenzene	92		94		70-130	2		20
o-Chlorotoluene	90		92		70-130	2		20
p-Chlorotoluene	86		88		70-130	2		20
1,2-Dibromo-3-chloropropane	85		100		41-144	16		20
Hexachlorobutadiene	94		100		63-130	6		20
Isopropylbenzene	90		93		70-130	3		20
p-Isopropyltoluene	96		99		70-130	3		20
Naphthalene	84		97		70-130	14		20
n-Propylbenzene	94		96		69-130	2		20
1,2,3-Trichlorobenzene	89		96		70-130	8		20
1,2,4-Trichlorobenzene	85		93		70-130	9		20
1,3,5-Trimethylbenzene	92		94		64-130	2		20
1,2,4-Trimethylbenzene	90		93		70-130	3		20
1,4-Dioxane	58		144		56-162	85	Q	20
p-Diethylbenzene	99		100		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1113632-3 WG1113632-4								
p-Ethyltoluene	95		99		70-130	4		20
1,2,4,5-Tetramethylbenzene	95		99		70-130	4		20
Ethyl ether	92		98		59-134	6		20
trans-1,4-Dichloro-2-butene	86		95		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	105		104		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04 Batch: WG1114095-3 WG1114095-4								
Methylene chloride	101		98		70-130	3		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	101		99		70-130	2		30
Carbon tetrachloride	102		99		70-130	3		30
1,2-Dichloropropane	104		103		70-130	1		30
Dibromochloromethane	88		88		70-130	0		30
1,1,2-Trichloroethane	95		93		70-130	2		30
Tetrachloroethene	106		103		70-130	3		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	95		90		70-139	5		30
1,2-Dichloroethane	94		92		70-130	2		30
1,1,1-Trichloroethane	102		98		70-130	4		30
Bromodichloromethane	100		99		70-130	1		30
trans-1,3-Dichloropropene	89		90		70-130	1		30
cis-1,3-Dichloropropene	106		103		70-130	3		30
1,1-Dichloropropene	107		103		70-130	4		30
Bromoform	85		84		70-130	1		30
1,1,2,2-Tetrachloroethane	98		96		70-130	2		30
Benzene	104		101		70-130	3		30
Toluene	103		100		70-130	3		30
Ethylbenzene	103		101		70-130	2		30
Chloromethane	100		96		52-130	4		30
Bromomethane	97		92		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04 Batch: WG1114095-3 WG1114095-4								
Vinyl chloride	102		96		67-130	6		30
Chloroethane	93		92		50-151	1		30
1,1-Dichloroethene	106		102		65-135	4		30
trans-1,2-Dichloroethene	105		103		70-130	2		30
Trichloroethene	103		101		70-130	2		30
1,2-Dichlorobenzene	101		96		70-130	5		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	98		95		70-130	3		30
Methyl tert butyl ether	100		97		66-130	3		30
p/m-Xylene	106		103		70-130	3		30
o-Xylene	104		101		70-130	3		30
cis-1,2-Dichloroethene	107		104		70-130	3		30
Dibromomethane	93		91		70-130	2		30
Styrene	104		102		70-130	2		30
Dichlorodifluoromethane	87		84		30-146	4		30
Acetone	100		98		54-140	2		30
Carbon disulfide	97		93		59-130	4		30
2-Butanone	86		85		70-130	1		30
Vinyl acetate	92		89		70-130	3		30
4-Methyl-2-pentanone	94		93		70-130	1		30
1,2,3-Trichloropropane	97		96		68-130	1		30
2-Hexanone	90		88		70-130	2		30
Bromochloromethane	108		104		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04 Batch: WG1114095-3 WG1114095-4								
2,2-Dichloropropane	104		101		70-130	3		30
1,2-Dibromoethane	94		92		70-130	2		30
1,3-Dichloropropane	102		100		69-130	2		30
1,1,1,2-Tetrachloroethane	100		99		70-130	1		30
Bromobenzene	101		98		70-130	3		30
n-Butylbenzene	104		101		70-130	3		30
sec-Butylbenzene	102		98		70-130	4		30
tert-Butylbenzene	103		99		70-130	4		30
o-Chlorotoluene	99		96		70-130	3		30
p-Chlorotoluene	102		97		70-130	5		30
1,2-Dibromo-3-chloropropane	87		83		68-130	5		30
Hexachlorobutadiene	103		100		67-130	3		30
Isopropylbenzene	103		99		70-130	4		30
p-Isopropyltoluene	105		101		70-130	4		30
Naphthalene	98		98		70-130	0		30
Acrylonitrile	96		95		70-130	1		30
n-Propylbenzene	104		100		70-130	4		30
1,2,3-Trichlorobenzene	101		98		70-130	3		30
1,2,4-Trichlorobenzene	106		102		70-130	4		30
1,3,5-Trimethylbenzene	102		98		70-130	4		30
1,2,4-Trimethylbenzene	103		99		70-130	4		30
1,4-Dioxane	100		100		65-136	0		30
p-Diethylbenzene	106		102		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04 Batch: WG1114095-3 WG1114095-4								
p-Ethyltoluene	105		102		70-130	3		30
1,2,4,5-Tetramethylbenzene	102		99		70-130	3		30
Ethyl ether	94		91		67-130	3		30
trans-1,4-Dichloro-2-butene	93		90		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		92		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	97		98		70-130

SEMIVOLATILES

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-01
 Client ID: SB-11 (8-10)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/08/18 07:53
 Analyst: SZ
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	29.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	37.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	1200		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	44	J	ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS****Lab ID:** L1816140-01**Date Collected:** 05/04/18 12:00**Client ID:** SB-11 (8-10)**Date Received:** 05/04/18**Sample Location:** EAST HARLEM, NY**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	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	830		ug/kg	130	24.	1
Benzo(a)pyrene	720		ug/kg	170	53.	1
Benzo(b)fluoranthene	1000		ug/kg	130	36.	1
Benzo(k)fluoranthene	320		ug/kg	130	35.	1
Chrysene	810		ug/kg	130	22.	1
Acenaphthylene	340		ug/kg	170	33.	1
Anthracene	210		ug/kg	130	42.	1
Benzo(ghi)perylene	560		ug/kg	170	25.	1
Fluorene	47	J	ug/kg	220	21.	1
Phenanthrene	810		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	140		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	560		ug/kg	170	30.	1
Pyrene	1300		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	50.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	35	J	ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS****Lab ID:** L1816140-01**Date Collected:** 05/04/18 12:00**Client ID:** SB-11 (8-10)**Date Received:** 05/04/18**Sample Location:** EAST HARLEM, NY**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	220	42.	1
Benzoic Acid	ND		ug/kg	700	220	1
Benzyl Alcohol	ND		ug/kg	220	66.	1
Carbazole	110	J	ug/kg	220	21.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	81		18-120

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-03
 Client ID: SB-12 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:30
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/08/18 02:36
 Analyst: SZ
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 09:13

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	ND		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: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-03
 Client ID: SB-12 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:30
 Date Received: 05/04/18
 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	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	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	27.	1
Pyrene	ND		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	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	280	30.	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-03
 Client ID: SB-12 (17-19)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:30
 Date Received: 05/04/18
 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	58.	1
Carbazole	ND		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	102		18-120

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-05
 Client ID: SB-11 / GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/08/18 01:46
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 05/05/18 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-05
 Client ID: SB-11 / GW
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	89		41-149

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-05
Client ID: SB-11 / GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
Date Received: 05/04/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 05/06/18 21:16
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 05/05/18 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.32		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.19		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.10		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.10		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.14		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	0.06	J	ug/l	0.10	0.04	1
Chrysene	0.11		ug/l	0.10	0.04	1
Acenaphthylene	0.15		ug/l	0.10	0.04	1
Anthracene	0.09	J	ug/l	0.10	0.04	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.04	1
Fluorene	0.17		ug/l	0.10	0.04	1
Phenanthrene	0.58		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.04	1
Pyrene	0.24		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.09	J	ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-05

Date Collected: 05/04/18 13:00

Client ID: SB-11 / GW

Date Received: 05/04/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	82		41-149

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-06
 Client ID: SB-11 / GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 05/09/18 04:25
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-06
 Client ID: SB-11 / GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	94		41-149

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816140**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-06
 Client ID: SB-11 / GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/09/18 11:41
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.08	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-06
 Client ID: SB-11 / GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	77		41-149

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/06/18 16:54
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 05/05/18 08:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1112912-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/06/18 16:54
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 05/05/18 08:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG1112912-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	73		41-149

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/07/18 20:18
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 05/05/18 08:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1112913-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/07/18 20:18
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 05/05/18 08:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1112913-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/07/18 20:18
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 05/05/18 08:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1112913-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

Total TIC Compounds	5.48	J	ug/l
Aldol Condensates	5.48	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	81		41-149



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/07/18 23:56
 Analyst: CB

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1113219-1					
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: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/07/18 23:56
 Analyst: CB

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1113219-1					
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	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/07/18 23:56
 Analyst: CB

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 09:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1113219-1					
4-Nitrophenol	ND		ug/kg	230	68.
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	51.
Carbazole	ND		ug/kg	160	16.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	100		18-120



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/09/18 03:09
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1113548-1					
Acenaphthene	ND		ug/l	2.0	0.59
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Hexachlorobenzene	ND		ug/l	2.0	0.58
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
2-Chloronaphthalene	ND		ug/l	2.0	0.64
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.69
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Fluoranthene	ND		ug/l	2.0	0.57
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorobutadiene	ND		ug/l	2.0	0.72
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Hexachloroethane	ND		ug/l	2.0	0.68
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/09/18 03:09
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1113548-1					
Dimethyl phthalate	ND		ug/l	5.0	0.65
Benzo(a)anthracene	ND		ug/l	2.0	0.61
Benzo(a)pyrene	ND		ug/l	2.0	0.54
Benzo(b)fluoranthene	ND		ug/l	2.0	0.64
Benzo(k)fluoranthene	ND		ug/l	2.0	0.60
Chrysene	ND		ug/l	2.0	0.54
Acenaphthylene	ND		ug/l	2.0	0.66
Anthracene	ND		ug/l	2.0	0.64
Benzo(ghi)perylene	ND		ug/l	2.0	0.61
Fluorene	ND		ug/l	2.0	0.62
Phenanthrene	ND		ug/l	2.0	0.61
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.55
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.71
Pyrene	ND		ug/l	2.0	0.57
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
2-Methylnaphthalene	ND		ug/l	2.0	0.72
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/09/18 03:09
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1113548-1					
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Pentachlorophenol	ND		ug/l	10	3.4
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63

Tentatively Identified Compounds

Total TIC Compounds	9.96	J	ug/l
Aldol Condensates	9.96	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	87		41-149



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 05/09/18 10:14
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG1113551-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**Method Blank Analysis**
Batch Quality ControlAnalytical Method: 1,8270D-SIM
Analytical Date: 05/09/18 10:14
Analyst: KLExtraction Method: EPA 3510C
Extraction Date: 05/08/18 07:30

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06 Batch: WG1113551-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	72		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1112912-2 WG1112912-3								
Acenaphthene	80		77		40-140	4		40
2-Chloronaphthalene	68		65		40-140	5		40
Fluoranthene	81		82		40-140	1		40
Hexachlorobutadiene	60		56		40-140	7		40
Naphthalene	67		62		40-140	8		40
Benzo(a)anthracene	74		75		40-140	1		40
Benzo(a)pyrene	76		76		40-140	0		40
Benzo(b)fluoranthene	76		76		40-140	0		40
Benzo(k)fluoranthene	78		79		40-140	1		40
Chrysene	76		77		40-140	1		40
Acenaphthylene	76		74		40-140	3		40
Anthracene	78		78		40-140	0		40
Benzo(ghi)perylene	78		78		40-140	0		40
Fluorene	84		82		40-140	2		40
Phenanthrene	75		74		40-140	1		40
Dibenzo(a,h)anthracene	81		81		40-140	0		40
Indeno(1,2,3-cd)pyrene	79		79		40-140	0		40
Pyrene	78		79		40-140	1		40
2-Methylnaphthalene	68		65		40-140	5		40
Pentachlorophenol	81		82		40-140	1		40
Hexachlorobenzene	75		74		40-140	1		40
Hexachloroethane	60		53		40-140	12		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG1112912-2 WG1112912-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		37		21-120
Phenol-d6	29		28		10-120
Nitrobenzene-d5	72		67		23-120
2-Fluorobiphenyl	65		63		15-120
2,4,6-Tribromophenol	86		83		10-120
4-Terphenyl-d14	81		82		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1112913-2 WG1112913-3								
Acenaphthene	76		85		37-111	11		30
1,2,4-Trichlorobenzene	65		72		39-98	10		30
Hexachlorobenzene	78		86		40-140	10		30
Bis(2-chloroethyl)ether	70		77		40-140	10		30
2-Chloronaphthalene	72		81		40-140	12		30
1,2-Dichlorobenzene	62		70		40-140	12		30
1,3-Dichlorobenzene	59		67		40-140	13		30
1,4-Dichlorobenzene	59		68		36-97	14		30
3,3'-Dichlorobenzidine	73		74		40-140	1		30
2,4-Dinitrotoluene	83		92		48-143	10		30
2,6-Dinitrotoluene	81		90		40-140	11		30
Fluoranthene	82		90		40-140	9		30
4-Chlorophenyl phenyl ether	78		86		40-140	10		30
4-Bromophenyl phenyl ether	82		93		40-140	13		30
Bis(2-chloroisopropyl)ether	74		82		40-140	10		30
Bis(2-chloroethoxy)methane	76		84		40-140	10		30
Hexachlorobutadiene	66		73		40-140	10		30
Hexachlorocyclopentadiene	54		59		40-140	9		30
Hexachloroethane	59		66		40-140	11		30
Isophorone	76		85		40-140	11		30
Naphthalene	70		76		40-140	8		30
Nitrobenzene	72		79		40-140	9		30
NDPA/DPA	79		88		40-140	11		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1112913-2 WG1112913-3								
n-Nitrosodi-n-propylamine	76		84		29-132	10		30
Bis(2-ethylhexyl)phthalate	93		102		40-140	9		30
Butyl benzyl phthalate	89		97		40-140	9		30
Di-n-butylphthalate	87		96		40-140	10		30
Di-n-octylphthalate	96		105		40-140	9		30
Diethyl phthalate	82		90		40-140	9		30
Dimethyl phthalate	80		89		40-140	11		30
Benzo(a)anthracene	81		87		40-140	7		30
Benzo(a)pyrene	81		88		40-140	8		30
Benzo(b)fluoranthene	83		90		40-140	8		30
Benzo(k)fluoranthene	82		88		40-140	7		30
Chrysene	80		88		40-140	10		30
Acenaphthylene	78		87		45-123	11		30
Anthracene	82		89		40-140	8		30
Benzo(ghi)perylene	81		89		40-140	9		30
Fluorene	78		88		40-140	12		30
Phenanthrene	82		88		40-140	7		30
Dibenzo(a,h)anthracene	82		88		40-140	7		30
Indeno(1,2,3-cd)pyrene	81		90		40-140	11		30
Pyrene	80		88		26-127	10		30
Biphenyl	77		85		40-140	10		30
4-Chloroaniline	70		76		40-140	8		30
2-Nitroaniline	82		92		52-143	11		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1112913-2 WG1112913-3								
3-Nitroaniline	68		73		25-145	7		30
4-Nitroaniline	79		87		51-143	10		30
Dibenzofuran	78		86		40-140	10		30
2-Methylnaphthalene	74		81		40-140	9		30
1,2,4,5-Tetrachlorobenzene	74		82		2-134	10		30
Acetophenone	75		84		39-129	11		30
2,4,6-Trichlorophenol	79		89		30-130	12		30
p-Chloro-m-cresol	78		88		23-97	12		30
2-Chlorophenol	67		76		27-123	13		30
2,4-Dichlorophenol	76		86		30-130	12		30
2,4-Dimethylphenol	70		79		30-130	12		30
2-Nitrophenol	76		84		30-130	10		30
4-Nitrophenol	49		55		10-80	12		30
2,4-Dinitrophenol	69		79		20-130	14		30
4,6-Dinitro-o-cresol	91		101		20-164	10		30
Pentachlorophenol	67		74		9-103	10		30
Phenol	33		37		12-110	11		30
2-Methylphenol	62		70		30-130	12		30
3-Methylphenol/4-Methylphenol	59		66		30-130	11		30
2,4,5-Trichlorophenol	80		90		30-130	12		30
Benzoic Acid	38		41		10-164	8		30
Benzyl Alcohol	63		72		26-116	13		30
Carbazole	83		90		55-144	8		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1112913-2 WG1112913-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		47		21-120
Phenol-d6	29		33		10-120
Nitrobenzene-d5	70		78		23-120
2-Fluorobiphenyl	74		81		15-120
2,4,6-Tribromophenol	76		85		10-120
4-Terphenyl-d14	84		92		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1113219-2 WG1113219-3								
Acenaphthene	93		77		31-137	19		50
1,2,4-Trichlorobenzene	86		73		38-107	16		50
Hexachlorobenzene	100		81		40-140	21		50
Bis(2-chloroethyl)ether	89		77		40-140	14		50
2-Chloronaphthalene	92		74		40-140	22		50
1,2-Dichlorobenzene	88		74		40-140	17		50
1,3-Dichlorobenzene	83		73		40-140	13		50
1,4-Dichlorobenzene	87		72		28-104	19		50
3,3'-Dichlorobenzidine	62		55		40-140	12		50
2,4-Dinitrotoluene	122		98		40-132	22		50
2,6-Dinitrotoluene	115		90		40-140	24		50
Fluoranthene	95		78		40-140	20		50
4-Chlorophenyl phenyl ether	99		80		40-140	21		50
4-Bromophenyl phenyl ether	102		82		40-140	22		50
Bis(2-chloroisopropyl)ether	93		77		40-140	19		50
Bis(2-chloroethoxy)methane	94		76		40-117	21		50
Hexachlorobutadiene	91		76		40-140	18		50
Hexachlorocyclopentadiene	84		70		40-140	18		50
Hexachloroethane	87		73		40-140	18		50
Isophorone	97		78		40-140	22		50
Naphthalene	93		77		40-140	19		50
Nitrobenzene	109		91		40-140	18		50
NDPA/DPA	96		77		36-157	22		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1113219-2 WG1113219-3								
n-Nitrosodi-n-propylamine	101		82		32-121	21		50
Bis(2-ethylhexyl)phthalate	104		81		40-140	25		50
Butyl benzyl phthalate	102		87		40-140	16		50
Di-n-butylphthalate	98		81		40-140	19		50
Di-n-octylphthalate	104		83		40-140	22		50
Diethyl phthalate	97		79		40-140	20		50
Dimethyl phthalate	95		76		40-140	22		50
Benzo(a)anthracene	92		75		40-140	20		50
Benzo(a)pyrene	95		82		40-140	15		50
Benzo(b)fluoranthene	95		82		40-140	15		50
Benzo(k)fluoranthene	95		80		40-140	17		50
Chrysene	94		77		40-140	20		50
Acenaphthylene	99		78		40-140	24		50
Anthracene	97		78		40-140	22		50
Benzo(ghi)perylene	92		78		40-140	16		50
Fluorene	96		76		40-140	23		50
Phenanthrene	94		75		40-140	22		50
Dibenzo(a,h)anthracene	93		78		40-140	18		50
Indeno(1,2,3-cd)pyrene	92		78		40-140	16		50
Pyrene	94		78		35-142	19		50
Biphenyl	94		76		54-104	21		50
4-Chloroaniline	80		64		40-140	22		50
2-Nitroaniline	123		96		47-134	25		50

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1113219-2 WG1113219-3								
3-Nitroaniline	102		82		26-129	22		50
4-Nitroaniline	113		92		41-125	20		50
Dibenzofuran	96		79		40-140	19		50
2-Methylnaphthalene	93		76		40-140	20		50
1,2,4,5-Tetrachlorobenzene	96		78		40-117	21		50
Acetophenone	100		82		14-144	20		50
2,4,6-Trichlorophenol	100		77		30-130	26		50
p-Chloro-m-cresol	106	Q	85		26-103	22		50
2-Chlorophenol	97		81		25-102	18		50
2,4-Dichlorophenol	99		80		30-130	21		50
2,4-Dimethylphenol	100		83		30-130	19		50
2-Nitrophenol	124		100		30-130	21		50
4-Nitrophenol	136	Q	101		11-114	30		50
2,4-Dinitrophenol	98		84		4-130	15		50
4,6-Dinitro-o-cresol	122		98		10-130	22		50
Pentachlorophenol	91		72		17-109	23		50
Phenol	101	Q	84		26-90	18		50
2-Methylphenol	102		84		30-130	19		50
3-Methylphenol/4-Methylphenol	102		83		30-130	21		50
2,4,5-Trichlorophenol	102		84		30-130	19		50
Benzoic Acid	67		55		10-110	20		50
Benzyl Alcohol	105		87		40-140	19		50
Carbazole	97		79		54-128	20		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1113219-2 WG1113219-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	92		73		25-120
Phenol-d6	94		76		10-120
Nitrobenzene-d5	103		84		23-120
2-Fluorobiphenyl	91		73		30-120
2,4,6-Tribromophenol	104		83		10-136
4-Terphenyl-d14	98		81		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1113548-2 WG1113548-3								
Acenaphthene	82		88		37-111	7		30
1,2,4-Trichlorobenzene	73		82		39-98	12		30
Hexachlorobenzene	86		93		40-140	8		30
Bis(2-chloroethyl)ether	76		86		40-140	12		30
2-Chloronaphthalene	87		95		40-140	9		30
1,2-Dichlorobenzene	67		78		40-140	15		30
1,3-Dichlorobenzene	65		76		40-140	16		30
1,4-Dichlorobenzene	65		77		36-97	17		30
3,3'-Dichlorobenzidine	86		84		40-140	2		30
2,4-Dinitrotoluene	112		120		48-143	7		30
2,6-Dinitrotoluene	112		120		40-140	7		30
Fluoranthene	92		98		40-140	6		30
4-Chlorophenyl phenyl ether	86		92		40-140	7		30
4-Bromophenyl phenyl ether	88		96		40-140	9		30
Bis(2-chloroisopropyl)ether	96		108		40-140	12		30
Bis(2-chloroethoxy)methane	84		93		40-140	10		30
Hexachlorobutadiene	74		84		40-140	13		30
Hexachlorocyclopentadiene	70		78		40-140	11		30
Hexachloroethane	66		76		40-140	14		30
Isophorone	85		94		40-140	10		30
Naphthalene	76		84		40-140	10		30
Nitrobenzene	83		93		40-140	11		30
NDPA/DPA	88		95		40-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1113548-2 WG1113548-3								
n-Nitrosodi-n-propylamine	83		92		29-132	10		30
Bis(2-ethylhexyl)phthalate	99		103		40-140	4		30
Butyl benzyl phthalate	97		103		40-140	6		30
Di-n-butylphthalate	93		100		40-140	7		30
Di-n-octylphthalate	100		104		40-140	4		30
Diethyl phthalate	87		92		40-140	6		30
Dimethyl phthalate	93		99		40-140	6		30
Benzo(a)anthracene	89		94		40-140	5		30
Benzo(a)pyrene	93		95		40-140	2		30
Benzo(b)fluoranthene	93		95		40-140	2		30
Benzo(k)fluoranthene	90		93		40-140	3		30
Chrysene	90		94		40-140	4		30
Acenaphthylene	89		97		45-123	9		30
Anthracene	89		96		40-140	8		30
Benzo(ghi)perylene	89		94		40-140	5		30
Fluorene	88		95		40-140	8		30
Phenanthrene	89		94		40-140	5		30
Dibenzo(a,h)anthracene	89		92		40-140	3		30
Indeno(1,2,3-cd)pyrene	90		93		40-140	3		30
Pyrene	92		97		26-127	5		30
Biphenyl	88		95		40-140	8		30
4-Chloroaniline	74		80		40-140	8		30
2-Nitroaniline	111		121		52-143	9		30

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1113548-2 WG1113548-3								
3-Nitroaniline	89		91		25-145	2		30
4-Nitroaniline	99		106		51-143	7		30
Dibenzofuran	86		92		40-140	7		30
2-Methylnaphthalene	82		89		40-140	8		30
1,2,4,5-Tetrachlorobenzene	84		93		2-134	10		30
Acetophenone	84		93		39-129	10		30
2,4,6-Trichlorophenol	94		102		30-130	8		30
p-Chloro-m-cresol	91		98	Q	23-97	7		30
2-Chlorophenol	73		82		27-123	12		30
2,4-Dichlorophenol	89		98		30-130	10		30
2,4-Dimethylphenol	84		93		30-130	10		30
2-Nitrophenol	98		109		30-130	11		30
4-Nitrophenol	67		69		10-80	3		30
2,4-Dinitrophenol	93		99		20-130	6		30
4,6-Dinitro-o-cresol	113		121		20-164	7		30
Pentachlorophenol	82		91		9-103	10		30
Phenol	37		39		12-110	5		30
2-Methylphenol	75		82		30-130	9		30
3-Methylphenol/4-Methylphenol	73		79		30-130	8		30
2,4,5-Trichlorophenol	95		102		30-130	7		30
Benzoic Acid	20		16		10-164	22		30
Benzyl Alcohol	73		79		26-116	8		30
Carbazole	94		100		55-144	6		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1113548-2 WG1113548-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		55		21-120
Phenol-d6	38		40		10-120
Nitrobenzene-d5	86		96		23-120
2-Fluorobiphenyl	89		97		15-120
2,4,6-Tribromophenol	95		104		10-120
4-Terphenyl-d14	101		108		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06 Batch: WG1113551-2 WG1113551-3								
Acenaphthene	71		70		40-140	1		40
2-Chloronaphthalene	67		69		40-140	3		40
Fluoranthene	79		80		40-140	1		40
Hexachlorobutadiene	69		66		40-140	4		40
Naphthalene	68		66		40-140	3		40
Benzo(a)anthracene	84		84		40-140	0		40
Benzo(a)pyrene	89		91		40-140	2		40
Benzo(b)fluoranthene	86		89		40-140	3		40
Benzo(k)fluoranthene	87		88		40-140	1		40
Chrysene	82		82		40-140	0		40
Acenaphthylene	72		75		40-140	4		40
Anthracene	77		79		40-140	3		40
Benzo(ghi)perylene	86		86		40-140	0		40
Fluorene	74		73		40-140	1		40
Phenanthrene	74		75		40-140	1		40
Dibenzo(a,h)anthracene	88		90		40-140	2		40
Indeno(1,2,3-cd)pyrene	90		92		40-140	2		40
Pyrene	89		79		40-140	12		40
2-Methylnaphthalene	70		70		40-140	0		40
Pentachlorophenol	82		80		40-140	2		40
Hexachlorobenzene	88		80		40-140	10		40
Hexachloroethane	65		61		40-140	6		40

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06 Batch: WG1113551-2 WG1113551-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	42		37		21-120
Phenol-d6	30		27		10-120
Nitrobenzene-d5	72		66		23-120
2-Fluorobiphenyl	74		75		15-120
2,4,6-Tribromophenol	102		91		10-120
4-Terphenyl-d14	84		78		41-149

PCBS

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-01
Client ID: SB-11 (8-10)
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00
Date Received: 05/04/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/07/18 20:37
Analyst: WR
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 05/07/18 09:35
Cleanup Method: EPA 3665A
Cleanup Date: 05/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.2	4.78	1	A
Aroclor 1221	ND		ug/kg	42.2	6.42	1	A
Aroclor 1232	ND		ug/kg	42.2	4.15	1	A
Aroclor 1242	ND		ug/kg	42.2	5.16	1	A
Aroclor 1248	ND		ug/kg	42.2	4.73	1	A
Aroclor 1254	68.1		ug/kg	42.2	3.44	1	A
Aroclor 1260	ND		ug/kg	42.2	4.40	1	A
Aroclor 1262	ND		ug/kg	42.2	3.47	1	A
Aroclor 1268	ND		ug/kg	42.2	2.98	1	A
PCBs, Total	68.1		ug/kg	42.2	2.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-03
Client ID: SB-12 (17-19)
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:30
Date Received: 05/04/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/07/18 20:49
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/07/18 09:35
Cleanup Method: EPA 3665A
Cleanup Date: 05/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	4.25	1	A
Aroclor 1221	ND		ug/kg	37.4	5.70	1	A
Aroclor 1232	ND		ug/kg	37.4	3.68	1	A
Aroclor 1242	ND		ug/kg	37.4	4.58	1	A
Aroclor 1248	ND		ug/kg	37.4	4.20	1	A
Aroclor 1254	ND		ug/kg	37.4	3.06	1	A
Aroclor 1260	ND		ug/kg	37.4	3.91	1	A
Aroclor 1262	ND		ug/kg	37.4	3.08	1	A
Aroclor 1268	ND		ug/kg	37.4	2.65	1	A
PCBs, Total	ND		ug/kg	37.4	2.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-05
Client ID: SB-11 / GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
Date Received: 05/04/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/08/18 04:41
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 05/07/18 12:50
Cleanup Method: EPA 3665A
Cleanup Date: 05/07/18
Cleanup Method: EPA 3660B
Cleanup Date: 05/08/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-06
 Client ID: SB-11 / GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 05/09/18 17:19
 Analyst: WR

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 02:52
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/08/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.020	1	A
Aroclor 1221	ND		ug/l	0.083	0.032	1	A
Aroclor 1232	ND		ug/l	0.083	0.027	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.023	1	A
Aroclor 1254	ND		ug/l	0.083	0.035	1	A
Aroclor 1260	ND		ug/l	0.083	0.020	1	A
Aroclor 1262	ND		ug/l	0.083	0.017	1	A
Aroclor 1268	ND		ug/l	0.083	0.027	1	A
PCBs, Total	ND		ug/l	0.083	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	111		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/07/18 21:02
 Analyst: WR

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 09:35
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/07/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/07/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03 Batch: WG1113232-1						
Aroclor 1016	ND		ug/kg	32.4	3.67	A
Aroclor 1221	ND		ug/kg	32.4	4.92	A
Aroclor 1232	ND		ug/kg	32.4	3.18	A
Aroclor 1242	ND		ug/kg	32.4	3.96	A
Aroclor 1248	ND		ug/kg	32.4	3.63	A
Aroclor 1254	ND		ug/kg	32.4	2.64	A
Aroclor 1260	ND		ug/kg	32.4	3.38	A
Aroclor 1262	ND		ug/kg	32.4	2.66	A
Aroclor 1268	ND		ug/kg	32.4	2.29	A
PCBs, Total	ND		ug/kg	32.4	2.29	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/08/18 03:26
 Analyst: HT

Extraction Method: EPA 3510C
 Extraction Date: 05/07/18 12:50
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/07/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/08/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05-06 Batch: WG1113309-1						
Aroclor 1016	ND		ug/l	0.083	0.020	A
Aroclor 1221	ND		ug/l	0.083	0.032	A
Aroclor 1232	ND		ug/l	0.083	0.027	A
Aroclor 1242	ND		ug/l	0.083	0.030	A
Aroclor 1248	ND		ug/l	0.083	0.023	A
Aroclor 1254	ND		ug/l	0.083	0.035	A
Aroclor 1260	ND		ug/l	0.083	0.020	A
Aroclor 1262	ND		ug/l	0.083	0.017	A
Aroclor 1268	ND		ug/l	0.083	0.027	A
PCBs, Total	ND		ug/l	0.083	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	58		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1113232-2 WG1113232-3									
Aroclor 1016	96		95		40-140	1		50	A
Aroclor 1260	89		88		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		92		30-150	A
Decachlorobiphenyl	75		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		97		30-150	B
Decachlorobiphenyl	90		83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG1113309-2 WG1113309-3									
Aroclor 1016	87		91		40-140	4		50	A
Aroclor 1260	56		60		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		92		30-150	A
Decachlorobiphenyl	42		46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		99		30-150	B
Decachlorobiphenyl	67		70		30-150	B

PESTICIDES

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-01
Client ID: SB-11 (8-10)
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00
Date Received: 05/04/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/08/18 15:26
Analyst: SL
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 05/07/18 08:36
Cleanup Method: EPA 3620B
Cleanup Date: 05/08/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.05	0.402	1	A
Lindane	ND		ug/kg	0.855	0.382	1	A
Alpha-BHC	ND		ug/kg	0.855	0.243	1	A
Beta-BHC	ND		ug/kg	2.05	0.778	1	A
Heptachlor	2.88		ug/kg	1.03	0.460	1	B
Aldrin	1.47	J	ug/kg	2.05	0.723	1	A
Heptachlor epoxide	2.22	JPI	ug/kg	3.85	1.15	1	B
Endrin	ND		ug/kg	0.855	0.351	1	A
Endrin aldehyde	ND		ug/kg	2.57	0.898	1	A
Endrin ketone	ND		ug/kg	2.05	0.529	1	A
Dieldrin	244	E	ug/kg	1.28	0.642	1	B
4,4'-DDE	349	E	ug/kg	2.05	0.475	1	B
4,4'-DDD	31.2		ug/kg	2.05	0.732	1	B
4,4'-DDT	1180	E	ug/kg	3.85	1.65	1	B
Endosulfan I	ND		ug/kg	2.05	0.485	1	A
Endosulfan II	2.99		ug/kg	2.05	0.686	1	A
Endosulfan sulfate	ND		ug/kg	0.855	0.407	1	A
Methoxychlor	ND		ug/kg	3.85	1.20	1	A
Toxaphene	ND		ug/kg	38.5	10.8	1	A
cis-Chlordane	221	E	ug/kg	2.57	0.715	1	A
trans-Chlordane	170		ug/kg	2.57	0.677	1	B
Chlordane	868		ug/kg	16.7	6.80	1	B

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-01

Date Collected: 05/04/18 12:00

Client ID: SB-11 (8-10)

Date Received: 05/04/18

Sample Location: EAST HARLEM, NY

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	91		30-150	B
Decachlorobiphenyl	120		30-150	B
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-01 D2
 Client ID: SB-11 (8-10)
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/10/18 17:49
 Analyst: BM
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 08:36
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/08/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
4,4'-DDT	1670		ug/kg	77.0	33.0	20	A

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816140**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-01 D

Client ID: SB-11 (8-10)

Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00

Date Received: 05/04/18

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8081B

Analytical Date: 05/09/18 20:56

Analyst: KEG

Percent Solids: 75%

Extraction Method: EPA 3546

Extraction Date: 05/07/18 08:36

Cleanup Method: EPA 3620B

Cleanup Date: 05/08/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Dieldrin	321		ug/kg	12.8	6.42	10	A
4,4'-DDE	471		ug/kg	20.5	4.75	10	A
4,4'-DDT	1810	E	ug/kg	38.5	16.5	10	A
cis-Chlordane	315	P	ug/kg	25.7	7.15	10	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-03
Client ID: SB-12 (17-19)
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:30
Date Received: 05/04/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/08/18 15:39
Analyst: BM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/07/18 08:36
Cleanup Method: EPA 3620B
Cleanup Date: 05/08/18

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	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.910	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.796	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.569	1	A
4,4'-DDE	ND		ug/kg	1.82	0.421	1	B
4,4'-DDD	ND		ug/kg	1.82	0.649	1	A
4,4'-DDT	ND		ug/kg	3.41	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.55	1	A
cis-Chlordane	ND		ug/kg	2.27	0.634	1	A
trans-Chlordane	ND		ug/kg	2.27	0.600	1	A
Chlordane	ND		ug/kg	14.8	6.03	1	A

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-03

Date Collected: 05/04/18 13:30

Client ID: SB-12 (17-19)

Date Received: 05/04/18

Sample Location: EAST HARLEM, NY

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	94		30-150	B
Decachlorobiphenyl	95		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-05
Client ID: SB-11 / GW
Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
Date Received: 05/04/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/09/18 20:30
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 05/08/18 01:11
Cleanup Method: EPA 3620B
Cleanup Date: 05/09/18

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	0.004	J	ug/l	0.014	0.002	1	B
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	0.021	J	ug/l	0.029	0.003	1	A
4,4'-DDE	0.107		ug/l	0.029	0.003	1	B
4,4'-DDD	0.011	J	ug/l	0.029	0.003	1	B
4,4'-DDT	0.409		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	0.066	P	ug/l	0.014	0.005	1	A
trans-Chlordane	0.061		ug/l	0.014	0.004	1	B
Chlordane	0.285		ug/l	0.143	0.033	1	B

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-05

Date Collected: 05/04/18 13:00

Client ID: SB-11 / GW

Date Received: 05/04/18

Sample Location: EAST HARLEM, NY

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	93		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-06
 Client ID: SB-11 / GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 05/09/18 20:43
 Analyst: SL

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 01:11
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/09/18

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	0.021	J	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: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-06
 Client ID: SB-11 / GW FILTERED
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:00
 Date Received: 05/04/18
 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	89		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/08/18 14:48
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 08:36
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/08/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG1113211-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.648	0.290	A
Alpha-BHC	ND		ug/kg	0.648	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.590	A
Heptachlor	ND		ug/kg	0.778	0.349	A
Aldrin	ND		ug/kg	1.56	0.548	A
Heptachlor epoxide	ND		ug/kg	2.92	0.875	A
Endrin	ND		ug/kg	0.648	0.266	A
Endrin aldehyde	ND		ug/kg	1.94	0.681	A
Endrin ketone	ND		ug/kg	1.56	0.401	A
Dieldrin	ND		ug/kg	0.973	0.486	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.555	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.520	A
Endosulfan sulfate	ND		ug/kg	0.648	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.908	A
Toxaphene	ND		ug/kg	29.2	8.17	A
cis-Chlordane	ND		ug/kg	1.94	0.542	A
trans-Chlordane	ND		ug/kg	1.94	0.514	A
Chlordane	ND		ug/kg	12.6	5.16	A

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/08/18 14:48
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 05/07/18 08:36
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/08/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG1113211-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	88		30-150	A

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/09/18 19:14
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 01:11
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05-06 Batch: WG1113478-1						
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
4,4'-DDT	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

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/09/18 19:14
 Analyst: JW

Extraction Method: EPA 3510C
 Extraction Date: 05/08/18 01:11
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/09/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05-06 Batch: WG1113478-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	92		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1113211-2 WG1113211-3									
Delta-BHC	113		110		30-150	3		30	A
Lindane	109		106		30-150	3		30	A
Alpha-BHC	98		94		30-150	4		30	A
Beta-BHC	100		98		30-150	2		30	A
Heptachlor	113		111		30-150	2		30	A
Aldrin	113		110		30-150	3		30	A
Heptachlor epoxide	105		104		30-150	1		30	A
Endrin	112		114		30-150	2		30	A
Endrin aldehyde	69		75		30-150	8		30	A
Endrin ketone	86		94		30-150	9		30	A
Dieldrin	118		119		30-150	1		30	A
4,4'-DDE	113		115		30-150	2		30	A
4,4'-DDD	111		114		30-150	3		30	A
4,4'-DDT	112		118		30-150	5		30	A
Endosulfan I	107		107		30-150	0		30	A
Endosulfan II	97		101		30-150	4		30	A
Endosulfan sulfate	74		84		30-150	13		30	A
Methoxychlor	99		110		30-150	11		30	A
cis-Chlordane	99		100		30-150	1		30	A
trans-Chlordane	101		88		30-150	14		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1113211-2 WG1113211-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		90		30-150	B
Decachlorobiphenyl	98		107		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		92		30-150	A
Decachlorobiphenyl	91		106		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG1113478-2 WG1113478-3									
Delta-BHC	112		115		30-150	3		20	A
Lindane	101		101		30-150	0		20	A
Alpha-BHC	88		89		30-150	1		20	A
Beta-BHC	95		94		30-150	0		20	A
Heptachlor	97		98		30-150	1		20	A
Aldrin	99		99		30-150	1		20	A
Heptachlor epoxide	101		101		30-150	0		20	A
Endrin	108		109		30-150	1		20	A
Endrin aldehyde	94		97		30-150	3		20	A
Endrin ketone	110		113		30-150	3		20	A
Dieldrin	112		113		30-150	1		20	A
4,4'-DDE	108		109		30-150	1		20	A
4,4'-DDD	110		113		30-150	3		20	A
4,4'-DDT	110		110		30-150	0		20	A
Endosulfan I	106		106		30-150	0		20	A
Endosulfan II	102		105		30-150	3		20	A
Endosulfan sulfate	110		115		30-150	4		20	A
Methoxychlor	111		113		30-150	2		20	A
cis-Chlordane	96		96		30-150	0		20	A
trans-Chlordane	99		101		30-150	2		20	A

Lab Control Sample Analysis**Batch Quality Control****Project Name:** SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05-06 Batch: WG1113478-2 WG1113478-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		87		30-150	A
Decachlorobiphenyl	93		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		81		30-150	B
Decachlorobiphenyl	93		92		30-150	B

METALS

Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816140-01

Date Collected: 05/04/18 12:00

Client ID: SB-11 (8-10)

Date Received: 05/04/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8270		mg/kg	10.1	2.73	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Antimony, Total	1.08	J	mg/kg	5.06	0.384	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Arsenic, Total	29.5		mg/kg	1.01	0.210	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Barium, Total	452		mg/kg	1.01	0.176	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Beryllium, Total	0.354	J	mg/kg	0.506	0.033	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Cadmium, Total	2.15		mg/kg	1.01	0.099	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Calcium, Total	38600		mg/kg	10.1	3.54	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Chromium, Total	15.0		mg/kg	1.01	0.097	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Cobalt, Total	8.91		mg/kg	2.02	0.168	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Copper, Total	50.3		mg/kg	1.01	0.261	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Iron, Total	25400		mg/kg	5.06	0.913	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Lead, Total	250		mg/kg	5.06	0.271	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Magnesium, Total	8450		mg/kg	10.1	1.56	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Manganese, Total	467		mg/kg	1.01	0.161	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Mercury, Total	0.244		mg/kg	0.084	0.018	1	05/08/18 07:20	05/08/18 13:14	EPA 7471B	1,7471B	MG
Nickel, Total	22.0		mg/kg	2.53	0.245	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Potassium, Total	1100		mg/kg	253	14.6	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Selenium, Total	0.870	J	mg/kg	2.02	0.261	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	1.01	0.286	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Sodium, Total	612		mg/kg	202	3.18	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	2.02	0.318	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Vanadium, Total	23.9		mg/kg	1.01	0.205	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC
Zinc, Total	777		mg/kg	5.06	0.296	2	05/08/18 05:50	05/08/18 12:17	EPA 3050B	1,6010C	LC



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-03

Date Collected: 05/04/18 13:30

Client ID: SB-12 (17-19)

Date Received: 05/04/18

Sample Location: EAST HARLEM, NY

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	2700		mg/kg	8.96	2.42	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Antimony, Total	ND		mg/kg	4.48	0.341	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Arsenic, Total	1.16		mg/kg	0.896	0.186	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Barium, Total	27.3		mg/kg	0.896	0.156	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Beryllium, Total	0.170	J	mg/kg	0.448	0.030	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Cadmium, Total	0.116	J	mg/kg	0.896	0.088	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Calcium, Total	453		mg/kg	8.96	3.14	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Chromium, Total	8.73		mg/kg	0.896	0.086	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Cobalt, Total	2.44		mg/kg	1.79	0.149	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Copper, Total	10.5		mg/kg	0.896	0.231	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Iron, Total	5810		mg/kg	4.48	0.810	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Lead, Total	2.23	J	mg/kg	4.48	0.240	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Magnesium, Total	1040		mg/kg	8.96	1.38	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Manganese, Total	262		mg/kg	0.896	0.142	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Mercury, Total	ND		mg/kg	0.072	0.015	1	05/08/18 07:20	05/08/18 13:15	EPA 7471B	1,7471B	MG
Nickel, Total	6.47		mg/kg	2.24	0.217	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Potassium, Total	378		mg/kg	224	12.9	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Selenium, Total	ND		mg/kg	1.79	0.231	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.896	0.254	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Sodium, Total	63.0	J	mg/kg	179	2.82	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Thallium, Total	ND		mg/kg	1.79	0.282	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Vanadium, Total	9.00		mg/kg	0.896	0.182	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC
Zinc, Total	8.40		mg/kg	4.48	0.263	2	05/08/18 05:50	05/08/18 12:22	EPA 3050B	1,6010C	LC



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-05

Date Collected: 05/04/18 13:00

Client ID: SB-11 / GW

Date Received: 05/04/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.44		mg/l	0.0100	0.00327	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Antimony, Total	0.00220	J	mg/l	0.00400	0.00042	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00569		mg/l	0.00050	0.00016	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Barium, Total	0.7390		mg/l	0.00050	0.00017	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00024	J	mg/l	0.00050	0.00010	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00042		mg/l	0.00020	0.00005	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Calcium, Total	51.0		mg/l	0.100	0.0394	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Chromium, Total	0.01417		mg/l	0.00100	0.00017	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00390		mg/l	0.00050	0.00016	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Copper, Total	0.01590		mg/l	0.00100	0.00038	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Iron, Total	4.22		mg/l	0.0500	0.0191	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Lead, Total	0.1612		mg/l	0.00100	0.00034	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Magnesium, Total	10.6		mg/l	0.0700	0.0242	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Manganese, Total	0.4794		mg/l	0.00100	0.00044	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	05/07/18 10:58	05/07/18 15:15	EPA 7470A	1,7470A	MG
Nickel, Total	0.00738		mg/l	0.00200	0.00055	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Potassium, Total	3.84		mg/l	0.100	0.0309	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Selenium, Total	0.00576		mg/l	0.00500	0.00173	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Sodium, Total	18.8		mg/l	0.100	0.0293	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Thallium, Total	0.00039	J	mg/l	0.00050	0.00014	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Vanadium, Total	0.00932		mg/l	0.00500	0.00157	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM
Zinc, Total	0.3354		mg/l	0.01000	0.00341	1	05/07/18 14:30	05/08/18 10:36	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-06

Date Collected: 05/04/18 13:00

Client ID: SB-11 / GW FILTERED

Date Received: 05/04/18

Sample Location: EAST HARLEM, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0160		mg/l	0.0100	0.00327	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00127	J	mg/l	0.00400	0.00042	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00093		mg/l	0.00050	0.00016	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.05482		mg/l	0.00050	0.00017	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Calcium, Dissolved	33.8		mg/l	0.100	0.0394	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00424		mg/l	0.00100	0.00017	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00095	J	mg/l	0.00100	0.00038	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00037	J	mg/l	0.00100	0.00034	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	8.21		mg/l	0.0700	0.0242	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.01798		mg/l	0.00100	0.00044	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/08/18 13:58	05/08/18 16:36	EPA 7470A	1,7470A	MG
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Potassium, Dissolved	3.36		mg/l	0.100	0.0309	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.00533		mg/l	0.00500	0.00173	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Sodium, Dissolved	19.5		mg/l	0.100	0.0293	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00398	J	mg/l	0.01000	0.00341	1	05/09/18 07:50	05/09/18 12:38	EPA 3005A	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

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): 05 Batch: WG1113260-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	05/07/18 10:58	05/07/18 14:55	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1113332-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Antimony, Total	0.00107	J	mg/l	0.00400	0.00042	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/07/18 14:30	05/08/18 09:12	1,6020A	AM



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03 Batch: WG1113498-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	05/08/18 07:20	05/08/18 11:32	1,7471B	MG

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): 01,03 Batch: WG1113513-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Iron, Total	ND		mg/kg	2.00	0.361	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Potassium, Total	ND		mg/kg	100	5.76	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Sodium, Total	1.39	J	mg/kg	80.0	1.26	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC



Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Zinc, Total	ND	mg/kg	2.00	0.117	1	05/08/18 05:50	05/08/18 09:33	1,6010C	LC
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Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 06 Batch: WG1113713-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	05/08/18 13:58	05/08/18 16:23	1,7470A	MG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 06 Batch: WG1113990-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Antimony, Dissolved	0.00058	J	mg/l	0.00400	0.00042	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM



Project Name: SENDERO VERDE**Lab Number:** L1816140**Project Number:** 2984.0001Y000**Report Date:** 05/10/18

Method Blank Analysis Batch Quality Control

Thallium, Dissolved	ND	mg/l	0.00050	0.00014	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Vanadium, Dissolved	ND	mg/l	0.00500	0.00157	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM
Zinc, Dissolved	ND	mg/l	0.01000	0.00341	1	05/09/18 07:50	05/09/18 11:23	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1113260-2								
Mercury, Total	92		-		80-120	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1113332-2					
Aluminum, Total	109	-	80-120	-	
Antimony, Total	107	-	80-120	-	
Arsenic, Total	111	-	80-120	-	
Barium, Total	105	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	115	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	102	-	80-120	-	
Cobalt, Total	104	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	108	-	80-120	-	
Lead, Total	110	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	106	-	80-120	-	
Potassium, Total	111	-	80-120	-	
Selenium, Total	115	-	80-120	-	
Silver, Total	101	-	80-120	-	
Sodium, Total	115	-	80-120	-	
Thallium, Total	112	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1113332-2					
Zinc, Total	113	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03 Batch: WG1113498-2 SRM Lot Number: D098-540					
Mercury, Total	125	-	50-149	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03 Batch: WG1113513-2 SRM Lot Number: D098-540					
Aluminum, Total	74	-	47-153	-	
Antimony, Total	141	-	6-194	-	
Arsenic, Total	99	-	83-117	-	
Barium, Total	91	-	82-118	-	
Beryllium, Total	97	-	83-117	-	
Cadmium, Total	91	-	82-117	-	
Calcium, Total	90	-	81-118	-	
Chromium, Total	96	-	83-119	-	
Cobalt, Total	94	-	84-116	-	
Copper, Total	95	-	84-116	-	
Iron, Total	98	-	60-140	-	
Lead, Total	92	-	82-117	-	
Magnesium, Total	83	-	76-124	-	
Manganese, Total	91	-	82-118	-	
Nickel, Total	94	-	82-117	-	
Potassium, Total	87	-	69-131	-	
Selenium, Total	96	-	78-121	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	96	-	74-126	-	
Thallium, Total	94	-	80-119	-	
Vanadium, Total	96	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03 Batch: WG1113513-2 SRM Lot Number: D098-540					
Zinc, Total	91	-	81-119	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1113713-2					
Mercury, Dissolved	110	-	80-120	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1113990-2					
Aluminum, Dissolved	103	-	80-120	-	
Antimony, Dissolved	116	-	80-120	-	
Arsenic, Dissolved	108	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Beryllium, Dissolved	105	-	80-120	-	
Cadmium, Dissolved	113	-	80-120	-	
Calcium, Dissolved	100	-	80-120	-	
Chromium, Dissolved	100	-	80-120	-	
Cobalt, Dissolved	104	-	80-120	-	
Copper, Dissolved	100	-	80-120	-	
Iron, Dissolved	106	-	80-120	-	
Lead, Dissolved	111	-	80-120	-	
Magnesium, Dissolved	107	-	80-120	-	
Manganese, Dissolved	101	-	80-120	-	
Nickel, Dissolved	102	-	80-120	-	
Potassium, Dissolved	101	-	80-120	-	
Selenium, Dissolved	104	-	80-120	-	
Silver, Dissolved	100	-	80-120	-	
Sodium, Dissolved	107	-	80-120	-	
Thallium, Dissolved	102	-	80-120	-	
Vanadium, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control**Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816140**Report Date:** 05/10/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1113990-2					
Zinc, Dissolved	105	-	80-120	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Lab Number: L1816140

Project Number: 2984.0001Y000

Report Date: 05/10/18

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): 05 QC Batch ID: WG1113260-3 QC Sample: L1815844-02 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00032	7	Q	-	-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

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): 05 QC Batch ID: WG1113332-3 QC Sample: L1816024-01 Client ID: MS Sample									
Aluminum, Total	1.77	2	3.93	108	-	-	75-125	-	20
Antimony, Total	0.06054	0.5	0.6597	120	-	-	75-125	-	20
Arsenic, Total	0.00449	0.12	0.1338	108	-	-	75-125	-	20
Barium, Total	0.3538	2	2.342	99	-	-	75-125	-	20
Beryllium, Total	0.00016J	0.05	0.05382	108	-	-	75-125	-	20
Cadmium, Total	0.00037	0.051	0.05783	113	-	-	75-125	-	20
Calcium, Total	354.	10	359	50	Q	-	75-125	-	20
Chromium, Total	0.01308	0.2	0.2036	95	-	-	75-125	-	20
Cobalt, Total	0.01356	0.5	0.5115	100	-	-	75-125	-	20
Copper, Total	0.1189	0.25	0.3676	99	-	-	75-125	-	20
Iron, Total	13.1	1	14.3	120	-	-	75-125	-	20
Lead, Total	0.00470	0.51	0.6033	117	-	-	75-125	-	20
Magnesium, Total	85.7	10	117	313	Q	-	75-125	-	20
Manganese, Total	5.161	0.5	6.134	195	Q	-	75-125	-	20
Nickel, Total	0.0123	0.5	0.5131	100	-	-	75-125	-	20
Potassium, Total	94.8	10	126	312	Q	-	75-125	-	20
Selenium, Total	0.00178J	0.12	0.124	103	-	-	75-125	-	20
Silver, Total	0.0011	0.05	0.04984	97	-	-	75-125	-	20
Sodium, Total	427.	10	442	150	Q	-	75-125	-	20
Thallium, Total	0.00059	0.12	0.1280	106	-	-	75-125	-	20
Vanadium, Total	0.0171	0.5	0.4948	96	-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

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): 05 QC Batch ID: WG1113332-3 QC Sample: L1816024-01 Client ID: MS Sample									
Zinc, Total	0.1575	0.5	0.7088	110	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1113498-3 QC Sample: L1816039-13 Client ID: MS Sample									
Mercury, Total	0.184	0.162	0.316	82	-	-	80-120	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

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): 01,03			QC Batch ID: WG1113513-3		QC Sample: L1816325-01		Client ID: MS Sample		
Aluminum, Total	9280	185	13000	2010	Q	-	75-125	-	20
Antimony, Total	ND	46.4	24.7	53	Q	-	75-125	-	20
Arsenic, Total	1.08J	11.1	10.0	90		-	75-125	-	20
Barium, Total	37.5	185	211	94		-	75-125	-	20
Beryllium, Total	0.669J	4.64	4.94	106		-	75-125	-	20
Cadmium, Total	0.231J	4.73	3.85	81		-	75-125	-	20
Calcium, Total	916.	927	2060	123		-	75-125	-	20
Chromium, Total	12.3	18.5	29.8	94		-	75-125	-	20
Cobalt, Total	3.60J	46.4	37.2	80		-	75-125	-	20
Copper, Total	2.88	23.2	23.4	88		-	75-125	-	20
Iron, Total	15400	92.7	17700	2480	Q	-	75-125	-	20
Lead, Total	3.41J	47.3	41.3	87		-	75-125	-	20
Magnesium, Total	5150	927	7510	254	Q	-	75-125	-	20
Manganese, Total	21.9	46.4	68.2	100		-	75-125	-	20
Nickel, Total	18.1	46.4	52.7	75		-	75-125	-	20
Potassium, Total	781.	927	1840	114		-	75-125	-	20
Selenium, Total	ND	11.1	7.56	68	Q	-	75-125	-	20
Silver, Total	ND	27.8	25.2	91		-	75-125	-	20
Sodium, Total	157.J	927	1080	116		-	75-125	-	20
Thallium, Total	ND	11.1	7.76	70	Q	-	75-125	-	20
Vanadium, Total	25.7	46.4	66.7	88		-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

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): 01,03 QC Batch ID: WG1113513-3 QC Sample: L1816325-01 Client ID: MS Sample									
Zinc, Total	7.64J	46.4	43.5	94	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1113713-3 QC Sample: L1815875-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00521	104	-	-	75-125	-	20

Matrix Spike Analysis **Batch Quality Control**

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816140
Report Date: 05/10/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1113990-3 QC Sample: L1815875-01 Client ID: MS Sample										
Aluminum, Dissolved	ND	2	2.04	102		-	-	75-125	-	20
Antimony, Dissolved	0.00081J	0.5	0.6960	139	Q	-	-	75-125	-	20
Arsenic, Dissolved	0.00028J	0.12	0.1312	109		-	-	75-125	-	20
Barium, Dissolved	0.05279	2	2.072	101		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05214	104		-	-	75-125	-	20
Cadmium, Dissolved	0.00014J	0.051	0.05631	110		-	-	75-125	-	20
Calcium, Dissolved	240.	10	240	0	Q	-	-	75-125	-	20
Chromium, Dissolved	0.00037J	0.2	0.1991	100		-	-	75-125	-	20
Cobalt, Dissolved	0.00133	0.5	0.5069	101		-	-	75-125	-	20
Copper, Dissolved	0.00085J	0.25	0.2510	100		-	-	75-125	-	20
Iron, Dissolved	0.0215J	1	1.12	112		-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5578	109		-	-	75-125	-	20
Magnesium, Dissolved	61.6	10	70.1	85		-	-	75-125	-	20
Manganese, Dissolved	0.6902	0.5	1.187	99		-	-	75-125	-	20
Nickel, Dissolved	0.00268	0.5	0.5231	104		-	-	75-125	-	20
Potassium, Dissolved	10.7	10	20.8	101		-	-	75-125	-	20
Selenium, Dissolved	0.00304J	0.12	0.126	105		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04976	100		-	-	75-125	-	20
Sodium, Dissolved	344.	10	340	0	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1219	102		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5154	103		-	-	75-125	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1113990-3 QC Sample: L1815875-01 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5186	104	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1113260-4 QC Sample: L1815844-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1113332-4 QC Sample: L1816024-01 Client ID: DUP Sample						
Antimony, Total	0.06054	0.06230	mg/l	3		20
Arsenic, Total	0.00449	0.00473	mg/l	5		20
Barium, Total	0.3538	0.3674	mg/l	4		20
Beryllium, Total	0.00016J	0.00021J	mg/l	NC		20
Cadmium, Total	0.00037	0.00046	mg/l	21	Q	20
Chromium, Total	0.01308	0.01288	mg/l	2		20
Cobalt, Total	0.01356	0.01335	mg/l	2		20
Lead, Total	0.00470	0.00456	mg/l	3		20
Selenium, Total	0.00178J	0.00208J	mg/l	NC		20
Thallium, Total	0.00059	0.00342	mg/l	141	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1113498-4 QC Sample: L1816039-13 Client ID: DUP Sample						
Mercury, Total	0.184	0.118	mg/kg	44	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01,03 QC Batch ID: WG1113513-4 QC Sample: L1816325-01 Client ID: DUP Sample						
Lead, Total	3.41J	4.28J	mg/kg	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1113713-4 QC Sample: L1815875-01 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1113990-4 QC Sample: L1815875-01 Client ID: DUP Sample					
Aluminum, Dissolved	ND	ND	mg/l	NC	20
Antimony, Dissolved	0.00081J	0.00172J	mg/l	NC	20
Arsenic, Dissolved	0.00028J	0.00040J	mg/l	NC	20
Barium, Dissolved	0.05279	0.05553	mg/l	5	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	0.00014J	0.00026	mg/l	NC	20
Calcium, Dissolved	240.	253	mg/l	5	20
Chromium, Dissolved	0.00037J	0.00019J	mg/l	NC	20
Cobalt, Dissolved	0.00133	0.00145	mg/l	9	20
Copper, Dissolved	0.00085J	0.00087J	mg/l	NC	20
Iron, Dissolved	0.0215J	0.0345J	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	61.6	61.3	mg/l	0	20
Manganese, Dissolved	0.6902	0.7119	mg/l	3	20
Nickel, Dissolved	0.00268	0.00254	mg/l	5	20
Potassium, Dissolved	10.7	11.4	mg/l	6	20
Selenium, Dissolved	0.00304J	0.00300J	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	344.	364	mg/l	6	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1113990-4 QC Sample: L1815875-01 Client ID: DUP Sample					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816140**Report Date:** 05/10/18**SAMPLE RESULTS****Lab ID:** L1816140-01**Client ID:** SB-11 (8-10)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/04/18 12:00**Date Received:** 05/04/18**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	74.8		%	0.100	NA	1	-	05/05/18 12:55	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-02

Client ID: SB-11 (8)

Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:00

Date Received: 05/04/18

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	-	05/05/18 12:55	121,2540G	RI



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816140**Report Date:** 05/10/18**SAMPLE RESULTS****Lab ID:** L1816140-03**Client ID:** SB-12 (17-19)**Sample Location:** EAST HARLEM, NY**Date Collected:** 05/04/18 13:30**Date Received:** 05/04/18**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	86.6		%	0.100	NA	1	-	05/05/18 12:55	121,2540G	RI



Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816140

Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816140-04

Client ID: SB-12 (18)

Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:30

Date Received: 05/04/18

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	80.8		%	0.100	NA	1	-	05/05/18 12:55	121,2540G	RI



Lab Duplicate Analysis
Batch Quality Control**Project Name:** SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816140**Report Date:** 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1112973-1 QC Sample: L1816048-01 Client ID: DUP Sample						
Solids, Total	80.4	80.8	%	0		20

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No: 05101818:59
Lab Number: L1816140
Report Date: 05/10/18

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1816140-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1816140-01B	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1816140-02A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1816140-02B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1816140-02C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1816140-02D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1816140-02X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1816140-02Y	Vial Water preserved split	A	NA		3.2	Y	Absent	05-MAY-18 11:22	NYTCL-8260HLW(14)
L1816140-02Z	Vial Water preserved split	A	NA		3.2	Y	Absent	05-MAY-18 11:22	NYTCL-8260HLW(14)
L1816140-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	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),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1816140-03B	Glass 250ml/8oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1816140-04A	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1816140-04B	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1816140-04C	5 gram Encore Sampler	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)
L1816140-04D	Plastic 2oz unpreserved for TS	A	NA		3.2	Y	Absent		TS(7)
L1816140-04X	Vial MeOH preserved split	A	NA		3.2	Y	Absent		NYTCL-8260HLW(14)

Project Name: SENDERO VERDE
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Lab Number: L1816140
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1816140-04Y	Vial Water preserved split	A	NA		3.2	Y	Absent	05-MAY-18 11:22	NYTCL-8260HLW(14)
L1816140-04Z	Vial Water preserved split	A	NA		3.2	Y	Absent	05-MAY-18 11:22	NYTCL-8260HLW(14)
L1816140-05A	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)
L1816140-05B	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)
L1816140-05C	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)
L1816140-05D	Plastic 250ml unpreserved	B	7	7	2.9	Y	Absent		-
L1816140-05E	Plastic 250ml HNO3 preserved	B	<2	<2	2.9	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1816140-05F	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8081(7)
L1816140-05G	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8081(7)
L1816140-05H	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8081(7)
L1816140-05I	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8081(7)
L1816140-05J	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1816140-05K	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1816140-05L	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8270(7)
L1816140-05M	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8082-1200ML(7)
L1816140-05N	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8082-1200ML(7)
L1816140-05O	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8082-1200ML(7)
L1816140-05P	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8082-1200ML(7)
L1816140-05X	Plastic 250ml HNO3 preserved Filtrates	B	NA		2.9	Y	Absent		-
L1816140-06A	Plastic 250ml unpreserved	B	7	7	2.9	Y	Absent		-
L1816140-06B	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		FILTER-EXT(1)
L1816140-06C	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		FILTER-EXT(1)
L1816140-06D	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		FILTER-EXT(1)
L1816140-06E	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		FILTER-EXT(1)

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No: 05101818:59
Lab Number: L1816140
Report Date: 05/10/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1816140-06F	Amber 1000ml unpreserved	B	7	7	2.9	Y	Absent		FILTER-EXT(1)
L1816140-06R	Amber 1000ml unpreserved Filtrates	B	NA		2.9	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1816140-06S	Amber 1000ml unpreserved Filtrates	B	NA		2.9	Y	Absent		NYTCL-8082-1200ML(7)
L1816140-06T	Amber 1000ml unpreserved Filtrates	B	NA		2.9	Y	Absent		NYTCL-8082-1200ML(7)
L1816140-06U	Amber 500ml unpreserved Filtrates	B	NA		2.9	Y	Absent		NYTCL-8081(7)
L1816140-06V	Amber 500ml unpreserved Filtrates	B	NA		2.9	Y	Absent		NYTCL-8081(7)
L1816140-06X	Plastic 250ml HNO3 preserved Filtrates	B	NA		2.9	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

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GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
- 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

Report Format: DU Report with 'J' Qualifiers



Project Name: SENDERO VERDE
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Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- 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).
- 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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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; 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.

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, SM4500CI-D, SM2320B, SM2540C, SM4500H-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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



ANALYTICAL REPORT

Lab Number:	L1816192
Client:	Roux Envr. Engr. & Geology, DPC 209 Shafter Street Islandia, NY 11749
ATTN:	Julie Moriarity
Phone:	(631) 232-2600
Project Name:	SENDERO VERDE
Project Number:	2984.0001Y000
Report Date:	05/10/18

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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: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816192
Report Date: 05/10/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1816192-01	SV-1	SOIL_VAPOR	EAST HARLEM, NY	05/04/18 12:45	05/04/18
L1816192-02	SV-2	SOIL_VAPOR	EAST HARLEM, NY	05/04/18 12:48	05/04/18
L1816192-03	SV-3	SOIL_VAPOR	EAST HARLEM, NY	05/04/18 12:50	05/04/18
L1816192-04	SV-4	SOIL_VAPOR	EAST HARLEM, NY	05/04/18 13:12	05/04/18
L1816192-05	SV-5	SOIL_VAPOR	EAST HARLEM, NY	05/04/18 13:09	05/04/18
L1816192-06	SV-6	SOIL_VAPOR	EAST HARLEM, NY	05/04/18 12:55	05/04/18
L1816192-07	SV-7	SOIL_VAPOR	EAST HARLEM, NY	05/04/18 13:13	05/04/18
L1816192-08	SV-8	SOIL_VAPOR	EAST HARLEM, NY	05/04/18 13:10	05/04/18
L1816192-09	UNUSED CANISTER 323	SOIL_VAPOR	EAST HARLEM, NY		05/04/18
L1816192-10	UNUSED CANISTER 2520	SOIL_VAPOR	EAST HARLEM, NY		05/04/18
L1816192-11	UNUSED CANISTER 388	SOIL_VAPOR	EAST HARLEM, NY		05/04/18

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816192
Report Date: 05/10/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816192
Report Date: 05/10/18

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 1, 2018. The canister certification results are provided as an addendum.

L1816192-01, -02, -03, -04, -05, -06, -07 and -08: 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: 05/10/18

AIR

Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816192**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-01 D
 Client ID: SV-1
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:45
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/08/18 16:55
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	ND	25.0	--	ND	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	50.4	5.00	--	120	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	ND	2.50	--	ND	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	277	2.50	--	817	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-01 D
 Client ID: SV-1
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:45
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	ND	1.00	--	ND	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	ND	1.00	--	ND	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	1.26	1.00	--	4.75	3.77	--		5
2-Hexanone	39.2	1.00	--	161	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	ND	1.00	--	ND	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-01 D
 Client ID: SV-1
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:45
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.44	2.00	--	14.9	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	1.68	1.00	--	7.30	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	3.06	1.00	--	15.0	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	92		60-140



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816192**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-02 D
 Client ID: SV-2
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:48
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/08/18 17:32
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	147	10.0	--	349	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	600	5.00	--	1770	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-02 D
 Client ID: SV-2
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:48
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	9.15	2.00	--	44.7	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	61.8	2.00	--	253	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-02 D
 Client ID: SV-2
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:48
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	91		60-140



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816192**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-03 D
 Client ID: SV-3
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:50
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/08/18 18:08
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	192	10.0	--	456	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	456	5.00	--	1340	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-03 D
 Client ID: SV-3
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:50
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	6.80	2.00	--	33.2	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	36.7	2.00	--	150	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	7.19	2.00	--	48.8	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-03 D
 Client ID: SV-3
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:50
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	92		60-140



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816192**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-04 D
 Client ID: SV-4
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:12
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/09/18 08:13
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	10.8	1.00	--	53.4	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	27.5	25.0	--	51.8	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	146	5.00	--	347	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	ND	2.50	--	ND	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	421	2.50	--	1240	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-04 D
 Client ID: SV-4
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:12
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	1.23	1.00	--	6.01	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	ND	1.00	--	ND	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	ND	1.00	--	ND	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	ND	1.00	--	ND	3.77	--		5
2-Hexanone	26.2	1.00	--	107	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	1.50	1.00	--	10.2	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-04 D
 Client ID: SV-4
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:12
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.44	2.00	--	14.9	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	1.54	1.00	--	6.69	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	3.63	1.00	--	17.8	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	69		60-140
Bromochloromethane	64		60-140
chlorobenzene-d5	83		60-140



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-05 D
 Client ID: SV-5
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:09
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/18 01:56
 Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	58.8	50.0	--	111	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	232	10.0	--	551	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	581	5.00	--	1710	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-05 D
 Client ID: SV-5
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:09
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	5.86	2.00	--	20.7	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	3.38	2.00	--	13.9	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	47.3	2.00	--	194	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-05 D
 Client ID: SV-5
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:09
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	82		60-140



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816192**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-06 D
 Client ID: SV-6
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:55
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/18 02:28
 Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.02	--	ND	9.99	--		10.11
Chloromethane	ND	2.02	--	ND	4.17	--		10.11
Freon-114	ND	2.02	--	ND	14.1	--		10.11
Vinyl chloride	ND	2.02	--	ND	5.16	--		10.11
1,3-Butadiene	ND	2.02	--	ND	4.47	--		10.11
Bromomethane	ND	2.02	--	ND	7.84	--		10.11
Chloroethane	ND	2.02	--	ND	5.33	--		10.11
Ethanol	ND	50.6	--	ND	95.3	--		10.11
Vinyl bromide	ND	2.02	--	ND	8.83	--		10.11
Acetone	346	10.1	--	822	24.0	--		10.11
Trichlorofluoromethane	ND	2.02	--	ND	11.4	--		10.11
Isopropanol	ND	5.06	--	ND	12.4	--		10.11
1,1-Dichloroethene	ND	2.02	--	ND	8.01	--		10.11
Tertiary butyl Alcohol	ND	5.06	--	ND	15.3	--		10.11
Methylene chloride	ND	5.06	--	ND	17.6	--		10.11
3-Chloropropene	ND	2.02	--	ND	6.32	--		10.11
Carbon disulfide	ND	2.02	--	ND	6.29	--		10.11
Freon-113	ND	2.02	--	ND	15.5	--		10.11
trans-1,2-Dichloroethene	ND	2.02	--	ND	8.01	--		10.11
1,1-Dichloroethane	ND	2.02	--	ND	8.18	--		10.11
Methyl tert butyl ether	ND	2.02	--	ND	7.28	--		10.11
2-Butanone	903	5.06	--	2660	14.9	--		10.11
cis-1,2-Dichloroethene	ND	2.02	--	ND	8.01	--		10.11



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-06 D
 Client ID: SV-6
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:55
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.06	--	ND	18.2	--		10.11
Chloroform	26.3	2.02	--	128	9.86	--		10.11
Tetrahydrofuran	ND	5.06	--	ND	14.9	--		10.11
1,2-Dichloroethane	ND	2.02	--	ND	8.18	--		10.11
n-Hexane	ND	2.02	--	ND	7.12	--		10.11
1,1,1-Trichloroethane	ND	2.02	--	ND	11.0	--		10.11
Benzene	ND	2.02	--	ND	6.45	--		10.11
Carbon tetrachloride	ND	2.02	--	ND	12.7	--		10.11
Cyclohexane	ND	2.02	--	ND	6.95	--		10.11
1,2-Dichloropropane	ND	2.02	--	ND	9.34	--		10.11
Bromodichloromethane	ND	2.02	--	ND	13.5	--		10.11
1,4-Dioxane	ND	2.02	--	ND	7.28	--		10.11
Trichloroethene	ND	2.02	--	ND	10.9	--		10.11
2,2,4-Trimethylpentane	ND	2.02	--	ND	9.43	--		10.11
Heptane	ND	2.02	--	ND	8.28	--		10.11
cis-1,3-Dichloropropene	ND	2.02	--	ND	9.17	--		10.11
4-Methyl-2-pentanone	ND	5.06	--	ND	20.7	--		10.11
trans-1,3-Dichloropropene	ND	2.02	--	ND	9.17	--		10.11
1,1,2-Trichloroethane	ND	2.02	--	ND	11.0	--		10.11
Toluene	ND	2.02	--	ND	7.61	--		10.11
2-Hexanone	90.5	2.02	--	371	8.28	--		10.11
Dibromochloromethane	ND	2.02	--	ND	17.2	--		10.11
1,2-Dibromoethane	ND	2.02	--	ND	15.5	--		10.11
Tetrachloroethene	3.60	2.02	--	24.4	13.7	--		10.11
Chlorobenzene	ND	2.02	--	ND	9.30	--		10.11
Ethylbenzene	ND	2.02	--	ND	8.77	--		10.11



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-06 D
 Client ID: SV-6
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 12:55
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.04	--	ND	17.5	--		10.11
Bromoform	ND	2.02	--	ND	20.9	--		10.11
Styrene	ND	2.02	--	ND	8.60	--		10.11
1,1,2,2-Tetrachloroethane	ND	2.02	--	ND	13.9	--		10.11
o-Xylene	ND	2.02	--	ND	8.77	--		10.11
4-Ethyltoluene	ND	2.02	--	ND	9.93	--		10.11
1,3,5-Trimethylbenzene	ND	2.02	--	ND	9.93	--		10.11
1,2,4-Trimethylbenzene	ND	2.02	--	ND	9.93	--		10.11
Benzyl chloride	ND	2.02	--	ND	10.5	--		10.11
1,3-Dichlorobenzene	ND	2.02	--	ND	12.1	--		10.11
1,4-Dichlorobenzene	ND	2.02	--	ND	12.1	--		10.11
1,2-Dichlorobenzene	ND	2.02	--	ND	12.1	--		10.11
1,2,4-Trichlorobenzene	ND	2.02	--	ND	15.0	--		10.11
Hexachlorobutadiene	ND	2.02	--	ND	21.5	--		10.11

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	91		60-140



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816192**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-07 D
 Client ID: SV-7
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:13
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/08/18 20:34
 Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	26.6	25.0	--	50.1	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	108	5.00	--	257	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	ND	2.50	--	ND	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	474	2.50	--	1400	7.37	--		5
cis-1,2-Dichloroethene	ND	1.00	--	ND	3.96	--		5



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-07 D
 Client ID: SV-7
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:13
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	1.10	1.00	--	5.37	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	ND	1.00	--	ND	3.52	--		5
1,1,1-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	ND	1.00	--	ND	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	ND	1.00	--	ND	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	1.46	1.00	--	5.50	3.77	--		5
2-Hexanone	36.5	1.00	--	150	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	1.28	1.00	--	8.68	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	1.02	1.00	--	4.43	4.34	--		5



Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816192
Report Date: 05/10/18

SAMPLE RESULTS

Lab ID: L1816192-07 D
 Client ID: SV-7
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:13
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	3.78	2.00	--	16.4	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	1.72	1.00	--	7.47	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	3.76	1.00	--	18.5	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	71		60-140
Bromochloromethane	63		60-140
chlorobenzene-d5	81		60-140



Project Name: SENDERO VERDE**Project Number:** 2984.0001Y000**Lab Number:** L1816192**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-08 D
 Client ID: SV-8
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:10
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 05/10/18 03:01
 Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	64.7	50.0	--	122	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	204	10.0	--	485	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	685	5.00	--	2020	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-08 D
 Client ID: SV-8
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:10
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	16.1	2.00	--	78.6	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	70.1	2.00	--	287	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**SAMPLE RESULTS**

Lab ID: L1816192-08 D
 Client ID: SV-8
 Sample Location: EAST HARLEM, NY

Date Collected: 05/04/18 13:10
 Date Received: 05/04/18
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	84		60-140



Project Name: SENDERO VERDE

Lab Number: L1816192

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/08/18 14:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04,07 Batch: WG1113751-4								
Propylene	ND	0.500	--	ND	0.861	--		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
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
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: SENDERO VERDE

Lab Number: L1816192

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/08/18 14:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04,07 Batch: WG1113751-4								
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	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



Project Name: SENDERO VERDE

Lab Number: L1816192

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/08/18 14:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04,07 Batch: WG1113751-4								
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
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

Project Name: SENDERO VERDE

Lab Number: L1816192

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/09/18 16:47

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 05-06,08 Batch: WG1114222-4								
Propylene	ND	0.500	--	ND	0.861	--		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
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
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: SENDERO VERDE

Lab Number: L1816192

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/09/18 16:47

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 05-06,08 Batch: WG1114222-4								
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	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



Project Name: SENDERO VERDE

Lab Number: L1816192

Project Number: 2984.0001Y000

Report Date: 05/10/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 05/09/18 16:47

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 05-06,08 Batch: WG1114222-4								
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
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: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04,07 Batch: WG1113751-3								
Chlorodifluoromethane	80		-		70-130	-		
Propylene	94		-		70-130	-		
Propane	74		-		70-130	-		
Dichlorodifluoromethane	92		-		70-130	-		
Chloromethane	86		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	100		-		70-130	-		
Methanol	81		-		70-130	-		
Vinyl chloride	94		-		70-130	-		
1,3-Butadiene	103		-		70-130	-		
Butane	73		-		70-130	-		
Bromomethane	95		-		70-130	-		
Chloroethane	109		-		70-130	-		
Ethyl Alcohol	82		-		70-130	-		
Dichlorofluoromethane	78		-		70-130	-		
Vinyl bromide	94		-		70-130	-		
Acrolein	86		-		70-130	-		
Acetone	82		-		70-130	-		
Acetonitrile	74		-		70-130	-		
Trichlorofluoromethane	85		-		70-130	-		
iso-Propyl Alcohol	72		-		70-130	-		
Acrylonitrile	85		-		70-130	-		
Pentane	73		-		70-130	-		
Ethyl ether	76		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04,07 Batch: WG1113751-3								
1,1-Dichloroethene	88		-		70-130	-		
tert-Butyl Alcohol	80		-		70-130	-		
Methylene chloride	84		-		70-130	-		
3-Chloropropene	101		-		70-130	-		
Carbon disulfide	102		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		-		70-130	-		
trans-1,2-Dichloroethene	100		-		70-130	-		
1,1-Dichloroethane	96		-		70-130	-		
Methyl tert butyl ether	96		-		70-130	-		
Vinyl acetate	111		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	95		-		70-130	-		
Ethyl Acetate	100		-		70-130	-		
Chloroform	102		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
2,2-Dichloropropane	91		-		70-130	-		
1,2-Dichloroethane	88		-		70-130	-		
n-Hexane	98		-		70-130	-		
Isopropyl Ether	83		-		70-130	-		
Ethyl-Tert-Butyl-Ether	74		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
1,1-Dichloropropene	92		-		70-130	-		
Benzene	96		-		70-130	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04,07 Batch: WG1113751-3								
Carbon tetrachloride	99		-		70-130	-		
Cyclohexane	102		-		70-130	-		
Tertiary-Amyl Methyl Ether	79		-		70-130	-		
Dibromomethane	85		-		70-130	-		
1,2-Dichloropropane	86		-		70-130	-		
Bromodichloromethane	106		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	102		-		70-130	-		
Methyl Methacrylate	98		-		70-130	-		
Heptane	88		-		70-130	-		
cis-1,3-Dichloropropene	101		-		70-130	-		
4-Methyl-2-pentanone	92		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	96		-		70-130	-		
Toluene	100		-		70-130	-		
1,3-Dichloropropane	96		-		70-130	-		
2-Hexanone	99		-		70-130	-		
Dibromochloromethane	122		-		70-130	-		
1,2-Dibromoethane	108		-		70-130	-		
Butyl Acetate	100		-		70-130	-		
Octane	100		-		70-130	-		
Tetrachloroethene	105		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04,07 Batch: WG1113751-3								
1,1,1,2-Tetrachloroethane	104		-		70-130	-		
Chlorobenzene	109		-		70-130	-		
Ethylbenzene	103		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	128		-		70-130	-		
Styrene	105		-		70-130	-		
1,1,2,2-Tetrachloroethane	108		-		70-130	-		
o-Xylene	105		-		70-130	-		
1,2,3-Trichloropropane	95		-		70-130	-		
Nonane (C9)	88		-		70-130	-		
Isopropylbenzene	105		-		70-130	-		
Bromobenzene	99		-		70-130	-		
o-Chlorotoluene	99		-		70-130	-		
n-Propylbenzene	97		-		70-130	-		
p-Chlorotoluene	95		-		70-130	-		
4-Ethyltoluene	108		-		70-130	-		
1,3,5-Trimethylbenzene	104		-		70-130	-		
tert-Butylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	106		-		70-130	-		
Decane (C10)	97		-		70-130	-		
Benzyl chloride	108		-		70-130	-		
1,3-Dichlorobenzene	104		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04,07 Batch: WG1113751-3								
sec-Butylbenzene	98		-		70-130	-		
p-Isopropyltoluene	93		-		70-130	-		
1,2-Dichlorobenzene	102		-		70-130	-		
n-Butylbenzene	95		-		70-130	-		
1,2-Dibromo-3-chloropropane	97		-		70-130	-		
Undecane	100		-		70-130	-		
Dodecane (C12)	101		-		70-130	-		
1,2,4-Trichlorobenzene	94		-		70-130	-		
Naphthalene	90		-		70-130	-		
1,2,3-Trichlorobenzene	97		-		70-130	-		
Hexachlorobutadiene	106		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06,08 Batch: WG1114222-3								
Chlorodifluoromethane	86		-		70-130	-		
Propylene	109		-		70-130	-		
Propane	92		-		70-130	-		
Dichlorodifluoromethane	78		-		70-130	-		
Chloromethane	102		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	92		-		70-130	-		
Methanol	124		-		70-130	-		
Vinyl chloride	96		-		70-130	-		
1,3-Butadiene	112		-		70-130	-		
Butane	103		-		70-130	-		
Bromomethane	87		-		70-130	-		
Chloroethane	92		-		70-130	-		
Ethyl Alcohol	126		-		70-130	-		
Dichlorofluoromethane	96		-		70-130	-		
Vinyl bromide	84		-		70-130	-		
Acrolein	82		-		70-130	-		
Acetone	129		-		70-130	-		
Acetonitrile	95		-		70-130	-		
Trichlorofluoromethane	91		-		70-130	-		
iso-Propyl Alcohol	92		-		70-130	-		
Acrylonitrile	86		-		70-130	-		
Pentane	83		-		70-130	-		
Ethyl ether	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06,08 Batch: WG1114222-3								
1,1-Dichloroethene	86		-		70-130	-		
tert-Butyl Alcohol	78		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	82		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	78		-		70-130	-		
trans-1,2-Dichloroethene	85		-		70-130	-		
1,1-Dichloroethane	82		-		70-130	-		
Methyl tert butyl ether	82		-		70-130	-		
Vinyl acetate	100		-		70-130	-		
2-Butanone	101		-		70-130	-		
cis-1,2-Dichloroethene	84		-		70-130	-		
Ethyl Acetate	96		-		70-130	-		
Chloroform	84		-		70-130	-		
Tetrahydrofuran	100		-		70-130	-		
2,2-Dichloropropane	77		-		70-130	-		
1,2-Dichloroethane	91		-		70-130	-		
n-Hexane	104		-		70-130	-		
Isopropyl Ether	91		-		70-130	-		
Ethyl-Tert-Butyl-Ether	98		-		70-130	-		
1,1,1-Trichloroethane	100		-		70-130	-		
1,1-Dichloropropene	94		-		70-130	-		
Benzene	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06,08 Batch: WG1114222-3								
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	107		-		70-130	-		
Tertiary-Amyl Methyl Ether	86		-		70-130	-		
Dibromomethane	95		-		70-130	-		
1,2-Dichloropropane	102		-		70-130	-		
Bromodichloromethane	110		-		70-130	-		
1,4-Dioxane	105		-		70-130	-		
Trichloroethene	89		-		70-130	-		
2,2,4-Trimethylpentane	113		-		70-130	-		
Methyl Methacrylate	142	Q	-		70-130	-		
Heptane	119		-		70-130	-		
cis-1,3-Dichloropropene	105		-		70-130	-		
4-Methyl-2-pentanone	130		-		70-130	-		
trans-1,3-Dichloropropene	90		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	76		-		70-130	-		
1,3-Dichloropropane	75		-		70-130	-		
2-Hexanone	107		-		70-130	-		
Dibromochloromethane	84		-		70-130	-		
1,2-Dibromoethane	76		-		70-130	-		
Butyl Acetate	75		-		70-130	-		
Tetrachloroethene	71		-		70-130	-		
1,1,1,2-Tetrachloroethane	71		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06,08 Batch: WG1114222-3								
Chlorobenzene	74		-		70-130	-		
Ethylbenzene	78		-		70-130	-		
p/m-Xylene	78		-		70-130	-		
Bromoform	81		-		70-130	-		
Styrene	74		-		70-130	-		
1,1,2,2-Tetrachloroethane	88		-		70-130	-		
o-Xylene	83		-		70-130	-		
1,2,3-Trichloropropane	77		-		70-130	-		
Nonane (C9)	88		-		70-130	-		
Isopropylbenzene	76		-		70-130	-		
Bromobenzene	78		-		70-130	-		
o-Chlorotoluene	70		-		70-130	-		
n-Propylbenzene	74		-		70-130	-		
p-Chlorotoluene	76		-		70-130	-		
4-Ethyltoluene	85		-		70-130	-		
1,3,5-Trimethylbenzene	74		-		70-130	-		
tert-Butylbenzene	80		-		70-130	-		
1,2,4-Trimethylbenzene	87		-		70-130	-		
Decane (C10)	86		-		70-130	-		
Benzyl chloride	92		-		70-130	-		
1,3-Dichlorobenzene	79		-		70-130	-		
1,4-Dichlorobenzene	79		-		70-130	-		
sec-Butylbenzene	81		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06,08 Batch: WG1114222-3								
p-Isopropyltoluene	74		-		70-130	-		
1,2-Dichlorobenzene	78		-		70-130	-		
n-Butylbenzene	88		-		70-130	-		
1,2-Dibromo-3-chloropropane	86		-		70-130	-		
Undecane	95		-		70-130	-		
Dodecane (C12)	104		-		70-130	-		
1,2,4-Trichlorobenzene	77		-		70-130	-		
Naphthalene	73		-		70-130	-		
1,2,3-Trichlorobenzene	72		-		70-130	-		
Hexachlorobutadiene	77		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04,07 QC Batch ID: WG1113751-5 QC Sample: L1816192-01 Client ID: SV-1						
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	50.4	59.0	ppbV	16		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04,07 QC Batch ID: WG1113751-5 QC Sample: L1816192-01 Client ID: SV-1						
2-Butanone	277	322	ppbV	15		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	2.92	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04,07 QC Batch ID: WG1113751-5 QC Sample: L1816192-01 Client ID: SV-1						
Toluene	1.26	1.46	ppbV	15		25
2-Hexanone	39.2	38.0	ppbV	3		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	1.06	ppbV	NC		25
p/m-Xylene	3.44	3.64	ppbV	6		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	1.68	1.74	ppbV	4		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	3.06	3.14	ppbV	3		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06,08 QC Batch ID: WG1114222-5 QC Sample: L1816165-01 Client ID: DUP Sample						
Dichlorodifluoromethane	0.401	0.388	ppbV	3		25
Chloromethane	0.633	0.607	ppbV	4		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	85.0	86.4	ppbV	2		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	20.6	21.0	ppbV	2		25
Trichlorofluoromethane	0.207	0.205	ppbV	1		25
iso-Propyl Alcohol	15.8	15.9	ppbV	1		25
tert-Butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	0.553	0.543	ppbV	2		25
Ethyl Acetate	0.686	0.616	ppbV	11		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06,08 QC Batch ID: WG1114222-5 QC Sample: L1816165-01 Client ID: DUP Sample						
Chloroform	0.406	0.395	ppbV	3		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	2.38	2.40	ppbV	1		25
Benzene	0.234	0.212	ppbV	10		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.209	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	0.596	0.600	ppbV	1		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.221	0.226	ppbV	2		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Lab Number: L1816192

Report Date: 05/10/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05-06,08 QC Batch ID: WG1114222-5 QC Sample: L1816165-01 Client ID: DUP Sample						
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	0.231	0.229	ppbV	1		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: SENDERO VERDE

Project Number: 2984.0001Y000

Serial_No:05101815:00
Lab Number: L1816192

Report Date: 05/10/18

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 Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1816192-01	SV-1	0079	Flow 3	05/01/18	264564		-	-	-	Pass	17.8	17.4	2
L1816192-01	SV-1	544	2.7L Can	05/01/18	264564	L1814718-02	Pass	-30.0	-7.3	-	-	-	-
L1816192-02	SV-2	0438	Flow 3	05/01/18	264564		-	-	-	Pass	17.8	17.4	2
L1816192-02	SV-2	455	2.7L Can	05/01/18	264564	L1814967-01	Pass	-29.4	-6.1	-	-	-	-
L1816192-03	SV-3	01034	Flow 4	05/01/18	264564		-	-	-	Pass	18.0	19.2	6
L1816192-03	SV-3	405	2.7L Can	05/01/18	264564	L1814718-02	Pass	-30.0	-6.3	-	-	-	-
L1816192-04	SV-4	01029	Flow 4	05/01/18	264564		-	-	-	Pass	18.0	18.3	2
L1816192-04	SV-4	233	2.7L Can	05/01/18	264564	L1814718-02	Pass	-29.8	-6.5	-	-	-	-
L1816192-05	SV-5	0273	#30 SV	05/01/18	264564		-	-	-	Pass	18.0	17.7	2
L1816192-05	SV-5	1805	2.7L CAN	05/01/18	264564	L1814718-02	Pass	-30.0	-7.1	-	-	-	-
L1816192-06	SV-6	0242	Flow 4	05/01/18	264564		-	-	-	Pass	17.9	19.0	6
L1816192-06	SV-6	379	2.7L Can	05/01/18	264564	L1814967-01	Pass	-30.0	-7.3	-	-	-	-
L1816192-07	SV-7	0289	Flow 4	05/01/18	264564		-	-	-	Pass	18.0	18.3	2
L1816192-07	SV-7	385	2.7L Can	05/01/18	264564	L1814718-02	Pass	-30.0	-7.2	-	-	-	-
L1816192-08	SV-8	0973	Flow 5	05/01/18	264564		-	-	-	Pass	18.0	18.0	0

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Serial_No:05101815:00
Lab Number: L1816192
Report Date: 05/10/18

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
L1816192-08	SV-8	2297	2.7L Can	05/01/18	264564	L1814718-02	Pass	-29.8	-5.7	-	-	-	-



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1814718
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814718-02
Client ID: CAN 536 SHELF 1
Sample Location:

Date Collected: 04/25/18 16:00
Date Received: 04/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/26/18 21:57
Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L1814718
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814718-02
Client ID: CAN 536 SHELF 1
Sample Location:

Date Collected: 04/25/18 16:00
Date Received: 04/26/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
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
1,1,1-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
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1814718
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814718-02
Client ID: CAN 536 SHELF 1
Sample Location:

Date Collected: 04/25/18 16:00
Date Received: 04/26/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1814718
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814718-02
Client ID: CAN 536 SHELF 1
Sample Location:

Date Collected: 04/25/18 16:00
Date Received: 04/26/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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**Lab Number:** L1814718**Project Number:** CANISTER QC BAT**Report Date:** 05/10/18**Air Canister Certification Results**

Lab ID: L1814718-02

Date Collected: 04/25/18 16:00

Client ID: CAN 536 SHELF 1

Date Received: 04/26/18

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	88		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	89		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1814718
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814718-02
Client ID: CAN 536 SHELF 1
Sample Location:

Date Collected: 04/25/18 16:00
Date Received: 04/26/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 04/26/18 21:57
Analyst: MB

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1814718
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814718-02
Client ID: CAN 536 SHELF 1
Sample Location:

Date Collected: 04/25/18 16:00
Date Received: 04/26/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1814718**Project Number:** CANISTER QC BAT**Report Date:** 05/10/18**Air Canister Certification Results**

Lab ID: L1814718-02

Date Collected: 04/25/18 16:00

Client ID: CAN 536 SHELF 1

Date Received: 04/26/18

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
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	87		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	89		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1814967
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814967-01
Client ID: CAN 1724 SHELF 2
Sample Location:

Date Collected: 04/26/18 18:00
Date Received: 04/27/18
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 04/27/18 21:15
Analyst: GJ

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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: L1814967
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814967-01
Client ID: CAN 1724 SHELF 2
Sample Location:

Date Collected: 04/26/18 18:00
Date Received: 04/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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
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
1,1,1-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
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1814967
Report Date: 05/10/18

Air Canister Certification Results

Lab ID: L1814967-01
Client ID: CAN 1724 SHELF 2
Sample Location:

Date Collected: 04/26/18 18:00
Date Received: 04/27/18
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1814967**Project Number:** CANISTER QC BAT**Report Date:** 05/10/18**Air Canister Certification Results**

Lab ID: L1814967-01

Date Collected: 04/26/18 18:00

Client ID: CAN 1724 SHELF 2

Date Received: 04/27/18

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
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**Lab Number:** L1814967**Project Number:** CANISTER QC BAT**Report Date:** 05/10/18**Air Canister Certification Results**

Lab ID: L1814967-01

Date Collected: 04/26/18 18:00

Client ID: CAN 1724 SHELF 2

Date Received: 04/27/18

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
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	90		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	90		60-140



Project Name: SENDERO VERDE**Lab Number:** L1816192**Project Number:** 2984.0001Y000**Report Date:** 05/10/18**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

N/A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1816192-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1816192-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1816192-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1816192-04A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1816192-05A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1816192-06A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1816192-07A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1816192-08A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1816192-09A	Canister - 2.7 Liter	N/A	NA			Y	Absent		CLEAN-FEE()
L1816192-10A	Canister - 2.7 Liter	N/A	NA			Y	Absent		CLEAN-FEE()
L1816192-11A	Canister - 2.7 Liter	N/A	NA			Y	Absent		CLEAN-FEE()

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816192
Report Date: 05/10/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
- 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

Report Format: Data Usability Report



Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816192
Report Date: 05/10/18

Data Qualifiers

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.
- 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.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- 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.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the reporting limit (RL) for the sample.

Project Name: SENDERO VERDE
Project Number: 2984.0001Y000

Lab Number: L1816192
Report Date: 05/10/18

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: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; 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.

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, SM4500CI-D, SM2320B, SM2540C, SM4500H-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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,

EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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, Pb, Mn, Ni, Se, Ag, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



AIR ANALYSIS

CHAIN OF CUSTODY

PAGE 2 OF 2

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Roux
Address: 209 Shafter St.
Islandia, NY 11749
Phone: 631-232-2600
Fax: 631-232-9898
Email: jmariority@rouxinc.com

Project Information

Project Name: Senders Verde
Project Location: East Harlem, NY
Project #: 2984.0001Y000
Project Manager: Julie Mariority
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due:

Time:

☐ These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Date Rec'd in Lab: 5/5/18

ALPHA Job #: L1816192

Report Information - Data Deliverables

☐ FAX
☐ ADEX

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gas	Sulfides & Mercaptans	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum												
81619201	SV-1	5/4/18	10:45	12:45	-29.89	-6.84	SV	VS	2.7L	544	0079	X						
-02	SV-2		10:51	12:48	-29.63	-5.28				455	0438	X						
-03	SV-3		10:55	12:50	-29.92	-5.81				405	01034	X						
-04	SV-4		11:12	13:12	-30.00	-5.77				233	01029	X						
-05	SV-5		11:09	13:09	-29.84	-6.37				1805	0273	X						
-06	SV-6		11:07	12:55	-30.49	-6.15				379	0242	X						
-07	SV-7		11:18	13:13	-30.22	-6.40				385	0289	X						
-08	SV-8		11:05	13:10	-30.43	-4.97				2297	0973	X						

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)

SV = Soil Vapor/Landfill Gas/SVE

Other = Please Specify

Container Type

CS

Relinquished By:

Date/Time

Received By:

Date/Time:

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.

Remedial Investigation Work Plan
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX C

Quality Assurance Project Plan/Field Sampling Plan



Quality Assurance Project Plan/ Field Sampling Plan

Sendero Verde Redevelopment Project –
Parcel B
Block 1617 Lot 20
New York, New York

Revised April 24, 2019

Prepared for:

SV-B Owners LLC
1865 Palmer Avenue
Larchmont, New York 10538

Prepared by:

**Roux Environmental Engineering
and Geology, D.P.C.**
209 Shafter Street
Islandia, New York 11749

2984.0003Y101/CV

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1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of SV-B Owners LLC (referred to herein as the Applicant), has prepared this Quality Assurance Project Plan/Field Sampling Plan (QAPP/FSP) to describe the measures that will be taken to ensure the data generated during performance of the Remedial Investigation (RI) for the Sendero Verde Redevelopment Project – Parcel B Site occupying Tax Block 1617, Lot 20, New York, New York (Site) are of quality sufficient to meet project-specific data quality objectives (DQOs). This QAPP/FSP also includes field sampling procedures.

The Applicant was accepted into the Brownfield Cleanup Program (BCP) as a Volunteer. A Brownfield Cleanup Agreement (BCA) was executed on February 27, 2019 and BCP Site number C231128 has been assigned to the Site as a Volunteer. RI activities will be conducted under the New York State Department of Environmental Conservation (NYSDEC) BCP. This QAPP/FSP was prepared in accordance with the guidance provided in NYSDEC Technical Guidance DER-10 Technical Guidance for Site Investigation and Remediation (DER-10), the NYSDEC BCP Guide, and the United States Environmental Protection Agency's (USEPA's) Guidance for the Data Quality Objectives Process (EPA QA/G 4).

1.1 Purpose

The QAPP/FSP describes in detail the field sampling and quality assurance/quality control (QA/QC) methods to be used during soil, soil vapor, and groundwater sampling tasks performed during the RI.

This QAPP/FSP was prepared in accordance with the NYSDEC's DER-10 and provides guidelines and procedures to be followed by field personnel during performance of sampling during the RI. Information contained in this QAPP/FSP relates to:

- Sampling objectives (Section 2);
- Project organization (Section 3);
- Sample media, sampling locations, analytical suites, sampling frequencies, and laboratory analysis (Section 4);
- Field sampling procedures (Section 5);
- Sample handling, sample analysis, and quality assurance/quality control (Section 6); and
- Site control procedures and decontamination (Section 7).

2. Sampling Objectives

The objective of the proposed sampling is to determine the nature and extent of the known contamination at the Site, to evaluate any additional areas of concern (AOCs), and to obtain a current representation of the environmental conditions at the Site.

Roux has performed a preliminary Site reconnaissance, a geophysical survey and has identified potential AOCs. These areas will be targeted during the RI to rule out any impacts. An inspection of the existing Site conditions will be conducted to determine final locations of soil borings and monitoring wells based on actual field conditions. The AOCs are discussed below.

The following areas of concern (AOCs) were identified in historic documents within the Site limits:

- Soil and groundwater contamination due to the presence of Site-wide urban fill;
- Potential migration of contaminants of concern through groundwater and/or soil vapor impacts onto the Site from an adjacent property to the north/northwest which operated as a dry-cleaning facility in the past;
- Potential soil, groundwater and soil vapor contamination from former Site uses;
- Potential soil, groundwater, and soil vapor contamination from presumed former on-Site dry cleaner; and
- Potential UST identified by geophysical survey.

Sampling procedures are discussed in Section 5 of this QAPP/FSP. A discussion of the DQOs and quality assurance/quality control is provided in Section 6.

3. Project Organization

A general and generic summary of the overall management structure and responsibilities of project team members are presented below. Professional profiles for the team are provided in Attachment 1.

Project Principal

Ms. Noelle Clarke, P.E. of Roux will serve as Project Principal. The Project Principal is responsible for defining project objectives and bears ultimate responsibility for the successful completion of the investigation.

Remedial Engineer

The Remedial Engineer for this project will be Ms. Noelle Clarke, P.E. The Remedial Engineer is a registered professional engineer licensed by the State of New York. The Remedial Engineer will have primary direct responsibility for implementation of the RI and future remedial program for the Site. The Remedial Engineer will certify in the Remedial Investigation Report (RIR) that the investigation activities were observed by qualified environmental professionals under supervision as well as any other relevant provisions of ECL 27-1419 have been achieved in full conformance with the RIWP.

Project Manager

Wendy Shen of Roux will serve as Project Manager. The Project Manager is responsible for defining project objectives and bears ultimate responsibility for the successful completion of the work. This individual will provide overall management for the implementation of the scope of work and will coordinate all field activities. The Project Manager is also responsible for data review/interpretation and report preparation.

Field Team Leader

The Field Team Leader is Valerie Sabatasso. The Field Team Leader bears the responsibility for the successful execution of the field program. The Field Team Leader will direct the activities of the technical staff in the field, as well as all subcontractors. The Field Team Leader will also assist in the interpretation of data and in report preparation. The Field Team Leader reports to the Project Manager.

Laboratory Project Manager

Laboratory analysis will be completed by Alpha Analytical Laboratories of Westborough, MA and Mansfield, MA, NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratories (11148 and 11627, respectively). The Laboratory Project Manager is Karyn Raymond. The Laboratory Project Manager will be determined prior to the start of the Work. The Laboratory Project Manager is responsible for sample container preparation, sample custody in the laboratory, and completion of the required analysis through oversight of the laboratory staff. The Laboratory Project Manager will ensure that quality assurance procedures are followed, and an acceptable laboratory report is prepared and submitted. The Laboratory Project Manager reports to the Field Team Leader.

Quality Assurance Officer

David Kaiser, P.E. of Roux will serve as the Quality Assurance Officer (QAO) for this project. The QAO is responsible for conducting reviews, inspections, and audits to ensure the data collection is conducted in accordance with the QAPP/FSP. The QAO's responsibilities range from ensuring effective field equipment decontamination procedures and proper sample collection to the review of all laboratory analytical data for completeness and usefulness. The QAO reports to the Project Manager and makes independent recommendations to the Field Team Leader.

4. Sample Media, Locations, Analytical Suites, and Frequency

The media to be sampled during the RI include soil, groundwater, and soil vapor. Sampling locations, analytical suites, and frequency may vary by medium. A discussion of the sampling schedule for each medium is provided below, while the assumed number of field samples to be collected for each medium, including QC samples, is shown in Tables 1 and 2. Specifics regarding the collection of samples at each location and for each task are provided in Section 5 of this QAPP/FSP.

4.1 Soil Sampling

Soil samples are to be used to characterize the soil conditions for the AOCs at the Site, to gather additional data across the Site, and to collect the data sufficient to define the nature and extent of impacted soils. Twenty-four soil borings are proposed to be installed at the locations shown in Figure 3 of the RIWP.

Region of Site	Number of Borings	Boring ID	Analyses (see notes below)	Depth of Sample (ft bls)
Community Garden - SW	5	SB-13 through SB-17	TCL/Part 375 + 30/TAL, ECs	2-4, 8-10, 15-17, 17-19 (H*), 19-21 (H*)
Building B - South	5	SB-18 through SB-22	TCL/Part 375 + 30/TAL, ECs	2-4, 4-6 (H*), 6-8 (H*), 15-17 (H*)
Building B (unexcavated)	3	SB-23 through SB-25	TCL/Part 375 + 30/TAL, ECs	2-4, 4-6 (H*), 6-8 (H*)
B – Courtyard	3	SB-26 through SB-28	TCL/Part 375 + 30/TAL, ECs	11-13, 13-15 (H*), 15-17 (H*)
Potential UST	1	SB-29	TCL/Part 375 + 30/TAL, ECs	0-2, 11-13, 13-15 (H*), 15-17 (H*)
Presumed Former On-Site Dry Cleaner	2	SB-31 and SB-32	TCL/Part 375 + 30/TAL, ECs	SB-31: 0-2, 11-13, 13-15 (H*), 15-17 (H*) and 2 ft interval exhibiting the highest impacts SB-32: 0-2, 2 ft interval exhibiting the highest impacts

Region of Site	Number of Borings	Boring ID	Analyses (see notes below)	Depth of Sample (ft bls)
Building B – North (outside Presumed Former On-Site Dry Cleaner AOC)	6	SB-30, SB-33 through SB-36 and SB-40	TCL/Part 375 + 30/TAL, ECs	SB-33, SB-36 and SB-40: 11-13; 13-15 (H*), 15-17(H*), SB-30, SB-34 and SB-35: 2-4, 4-6 (H*), 6-8 (H*)
Community Garden - SE	3	SB-37 through SB-39	TCL/Part 375 + 30/TAL, ECs	2-4, 8-10, 10-12; 12-14 (H*); 15-17 (H*)

(H*) – Sample to be submitted to the laboratory on hold pending the results of the initial, shallower sample(s). Only analytes that exceed at least one SCO in the shallow samples will be run in the samples held in the deeper intervals. Hold samples will not be analyzed for ECs.

* Note: Total Compound List (TCL) plus 30/ Target Analyte List (TAL) (TCL/PART 375 + 30/TAL) includes:

- TCL/Part 375 VOC + 10 tentatively identified compounds (TICs);
- TCL/Part 375 base neutral acids (BNA)/SVOCs + 20;
- TCL/Part 375 Pesticides;
- TCL Herbicides;
- TCL/Part 375 Polychlorinated biphenyls (PCBs);
- TAL/Part 375 Metals (including hexavalent chromium); and
- Total Cyanide.

**ECs list includes 1,4-Dioxane and the 21 Per- and Polyfluoroalkyl Substances (PFAS) which include the 21 compounds listed in the NYSDEC March 2019 Sampling for 1,4-Dioxane and PFAS Under DEC's Part 375 Remedial Programs (NYSDEC March 2019 Guidance). PFAS will be analyzed by USEPA Method 537 Modified and 1,4-Dioxane will be analyzed by USEPA Method 8270D SIM. The Alpha Standard Operating Procedures (SOPs) for completing ECs analysis, list of all EC compounds to be analyzed, and reporting limits/minimum detection limits for EC compounds are included in Attachment 2. The 21 PFAS are:

- Perfluorobutanesulfonic acid
- Perfluorohexanesulfonic acid
- Perfluoroheptanesulfonic acid
- Perfluorooctanesulfonic acid
- Perfluorodecanesulfonic acid
- Perfluorobutanoic acid
- Perfluoropentanoic acid
- Perfluorohexanoic acid
- Perfluoroheptanoic acid
- Perfluorooctanoic acid
- Perfluorononanoic acid
- Perfluorodecanoic acid
- Perfluoroundecanoic acid

- Perfluorododecanoic acid
- Perfluorotridecanoic acid
- Perfluorotetradecanoic acid
- 6:2 Fluorotelomer sulfonate
- 8:2 Fluorotelomer sulfonate
- Perfluorooctanesulfonamide
- N-methyl perfluorooctanesulfonamidoacetic acid
- N-ethyl perfluorooctanesulfonamidoacetic acid

All PFAS compounds, listed above, will be analyzed and reported to 1 microgram per kilogram (ug/kg). 1,4-Dioxane will be analyzed and reported to 0.1 miligram per kilogram (mg/kg).

If odor/ visual evidence of contamination or elevated photoionization detector (PID) readings are noted, additional samples will be collected from the interval that exhibits the highest contamination.

4.2 Groundwater Sampling

To characterize Site groundwater flow and quality conditions and to evaluate for potential off-Site migration, five permanent groundwater monitoring wells (MW-1 through MW-5) will be installed. The proposed groundwater monitoring well locations are shown on Figure 3 of the RIWP and monitoring well installation and groundwater sampling procedures are outlined below in Section 5.2.

Groundwater samples will be collected from the monitoring wells and submitted for laboratory analysis for TCL/Part 375 + 30/TAL analysis (including filtered and unfiltered metals, SVOCs, PCBs and pesticides) and ECs 1,4-Dioxane and the 21 PFAS listed in the NYSDEC March 2019 Guidance. PFAS will be analyzed by USEPA Method 537 Modified and 1,4-Dioxane will be analyzed by USEPA Method 8270D SIM. All PFAS compounds, listed above, will be analyzed and reported to 2 nanograms per liter (ng/L). 1,4-Dioxane will be analyzed and reported to 0.35 ug/L. Field parameters (e.g., pH, dissolved oxygen, oxidation-reduction potential [ORP], etc.) will also be collected using a water quality meter during purging prior to sample collection.

4.3 Soil Vapor Sampling

Nine (9) soil vapor samples (SV-9 through SV-17) will be collected during the RI to evaluate soil vapor conditions at the Site. The proposed soil vapor sampling locations are shown on Figure 3 of the RIWP and described in the table below. All soil vapor samples will be collected in accordance with the October 2006 New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH Guidance).

Region of Site	Soil Vapor Sample Identification	Sample Depth
General Site Conditions	SV-9 through SV-11 and SV-15 through SV-17	SV-9, SV-11 and SV-16: 5-7 (to limit negative bias due to shallow sampling in an area with pervious ground cover) SV-10, SV-15 and SV-17: 7-9 (to be approximately 2 feet above the average water table due to the foundation being at or below the water table)
Presumed Former On-Site Dry Cleaner	SV-12	7-9 (to be approximately 2 feet above the average water table due to the foundation being at or below the water table)
Perimeter to assess vapor migration onto the Site from former off-Site dry cleaners	SV-13 and SV-14	SV-13 and SV-14: 5-7 (to limit negative bias due to shallow sampling in an area with pervious ground cover)

All soil vapor samples will be analyzed for VOCs using USEPA Method TO-15. Soil vapor point installation and soil vapor sampling procedures are outlined below in Section 5.3.

5. Field Sampling Procedures

This section provides a detailed discussion of the field procedures to be used during sampling of the various media being evaluated as part of the RI (i.e. soil, groundwater, and soil vapor). As discussed, the sample locations are shown on Figure 3 of the RIWP and additional information, including intervals to be sampled and sample rationale is provided in Sections 3.2.2, 3.2.3 and 3.2.4 of the RIWP. Additional details regarding sampling procedures and protocols are described in Roux's relevant Standard Operating Procedures (SOPs), which are provided in Attachment 2.

5.1 Soil Sampling and Monitoring Well Installation

Details for the collection of soil samples and the installation of monitoring wells are provided below. Boreholes will be pre-cleared to five ft bls using non-intrusive methods (i.e. hand auger, vacuum technology, etc.) prior to advancement of soil borings to verify the absence of potential underground utilities. Should a utility or other feature be observed during pre-clearance activities, the sampling location will be relocated to no greater than ten feet away from the original proposed location. Should the sampling location need to be located at a distance greater than ten feet from the original proposed location due to access constraints, Roux will contact the NYSDEC case manager to confirm.

5.1.1 Soil Sampling

Soil borings will be advanced using a GeoProbe® Direct-Push rig. Samples of the soil profile will be collected continuously from land surfance to a maximum depth of approximately 17 ft bls, as shown in Section 3.2.2 of the RIWP.

The soil from each five-foot interval will be observed for lithology and evidence of contamination (e.g., staining, odors, and/or visible free product) and placed immediately thereafter into large Ziploc™ bags for recording headspace using a PID. After a minimum of 15 minutes for equilibration with the headspace in the Ziploc™ bag, each sample will be screened for organic vapors using a PID equipped with a 10.6 eV lamp. Samples for possible VOC analysis will be placed in a laboratory-supplied jar or encore sampler prior to screening, due to the potential for loss of VOCs through volatilization. Soil samples will be collected according to Table 1a of the RIWP. These samples will be placed in the laboratory-supplied containers and shipped to the laboratory under chain of custody procedures in accordance with Roux's SOPs in Attachment 2.

Following sample collections, boreholes will be backfilled with soil cuttings. Contaminated soil cuttings, if encountered, will be placed in sealed and labeled U.S. Department of Transportation (DOT) approved 55-gallon drums pending characterization and off-site disposal at a permitted facility.

5.1.2 Monitoring Well Installation

Following soil sampling activities at selected soil boring locations, monitoring wells will be installed bridging the water table to a depth of approximately 20 ft bls. Monitoring wells will be constructed of 2-inch inside diameter, Schedule 40 polyvinyl chloride (PVC) casing and, 0.020 inch slot, machined screen. Well screens will be 10 feet long, and will be installed with three feet above and seven feet below the water table. A sand pack will be placed around the well screen, extending two feet above the top of the screened zone. Once the driller confirms the depth of the sand pack, a minimum two foot thick bentonite pellet seal will be placed above the sand pack. Once the pellets have been allowed to hydrate, a cement bentonite grout will

be placed into the remaining annular space from the bottom up to just above the bentonite seal. The wells will be completed using locking well plugs, and flush mounted, bolt down, watertight, manhole covers cemented into place.

Each newly installed monitoring well and the existing well will be developed to remove any fine-grained material in the vicinity of the well screen and to promote a hydraulic connection with the aquifer. The wells will be developed using a submersible pump, which will be surged periodically until well yield is consistent and has a turbidity below 50 Nephelometric turbidity units (NTUs).

5.2 Groundwater Sampling

Groundwater samples from the permanent monitoring wells will be collected no sooner than one (1) week following development of the wells. Prior to sampling, depth to water will be measured at each well using an electronic water level meter with an accuracy of ± 0.01 feet. All wells will then be purged and sampled using a low-flow method. Purging and sampling will be performed consistent with USEPA low-flow sampling requirements. All permanent monitoring wells will be analyzed for the NYSDEC-required emerging contaminants list of 1,4-Dioxane and Per- and Polyfluoroalkyl Substances (PFAS) in addition to the TCL/PART 375 + 30/TAL list. Additional details for the collection of groundwater samples are included in the Roux SOPs and the NYSDEC sampling guidelines for emerging contaminants in Attachment 2.

Additional necessary precautions will be taken when sampling for ECs in the field, including but not limited to:

- Using the proper field clothing or personal protective equipment (i.e. no materials will contain Gore-Tex or Tyvek);
- Avoid using Grundfos and bladder pumps and sampling equipment components/containers making contact with aluminum foil, low density polyethylene (LDPE), glass, or polytetrafluoroethylene materials;
- Following PFAS field sampling guidelines (i.e. using sampling materials made from high density polyethylene [HDPE], silicon, or stainless steel and avoid using equipment containing Teflon and using sharpies, permanent markers, adhesives, and waterproof/plastic clipboards and notebooks); and
- Utilizing regular ice cubes for sample preservation and only Alconox or Liquinox for decontamination.

All groundwater samples will be collected and placed in the laboratory-supplied containers and shipped to the laboratory on ice under chain of custody procedures in accordance with Roux's SOPs.

5.3 Soil Vapor Sampling

Nine (9) soil vapor samples will be collected during the RI to evaluate soil vapor concentrations at the Site. The soil vapor samples will be collected from a depth of 5-7 or 7-9 ft bls. New Teflon® lined tubing will be attached to an expendable soil vapor sampling point with a 6-inch stainless steel screen inside the rods to prevent infiltration of ambient air. The soil vapor points will be backfilled with #2 Morie sand to approximately one foot above the screen. The remainder of the borehole will be backfilled with a cement/bentonite slurry to grade.

Prior to sample collection, the Teflon®-lined tubing will be purged of approximately two volumes of the tubing using a vacuum pump set at a rate of 0.2 liters per minute. A tracer gas (i.e. helium) will be used to enrich the atmosphere in the immediate vicinity of the sampling location in order to test the borehole seal and verify that ambient air is not being drawn into the sample in accordance with the procedures outlined in the NYSDOH Guidance. Following purging and verification with the tracer gas, the tubing will be connected to the laboratory-supplied 6-liter summa canister. All soil vapor samples will be collected using pre-cleaned (batch-certified) 6-liter summa canisters with regulators calibrated to collect samples over an 8-hour period.

6. Sample Handling and Analysis

To ensure quality data acquisition and collection of representative samples, there are selective procedures to minimize sample degradation or contamination. These include procedures for preservation of the samples, as well as sample packaging, shipping procedures, and QA/QC.

6.1 Field Sample Handling

A discussion of the proposed number and types of samples to be collected during each task, as well as the analyses to be performed, can be found in Section 4.0 of this QAPP/FSP. The types of containers, volumes, and preservation techniques for the aforementioned testing parameters are presented in Table 3.

6.2 Sample Custody Documentation

The purpose of documenting sample custody is to ensure the integrity and handling of the samples is not subject to question. Sample custody will be maintained from the point of sampling through the analysis (and return of unused sample portions, if applicable).

Each individual collecting samples is personally responsible for the care and custody of the samples. All sample labels should be pre-printed or filled out using waterproof ink. The technical staff will review all field activities with the Field Team Leader to determine whether proper custody procedures were followed during the fieldwork and to decide if additional samples are required.

All samples being shipped offsite for analysis must be accompanied by a properly completed chain of custody form. The sample numbers will be listed on the chain of custody form. When transferring the possession of samples, individuals relinquishing and receiving will sign, date, and note the time on the record. This record documents transfer of custody of samples from the sampler to another person, to/from a secure storage area, and to the laboratory.

Samples will be packaged for shipment and dispatched to the appropriate laboratory for analysis with a separate signed custody record enclosed in each sample box or cooler. Shipping containers will be locked and/or secured with strapping tape in at least two locations for shipment to the laboratory.

6.3 Sample Shipment

Laboratory analysis will be completed by Alpha Analytical Laboratories of Westborough, MA and Mansfield, MA, NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratories (11148, and 11627, respectively). Sample packaging and shipping procedures are based upon USEPA specifications, as well as DOT regulations. The procedures vary according to potential sample analytes, concentration, and matrix and are designed to provide optimum protection for the samples and the public. Sample packaging and shipment must be performed using the general outline described below.

All samples will be shipped within 24 hours of collection and will be preserved appropriately from the time of sample collection. A description of the sample packing and shipping procedures is presented below:

1. Prepare cooler(s) for shipment:
 - tape drain(s) of cooler shut;
 - affix “This Side Up” arrow labels and “Fragile” labels on each cooler; and

- place mailing label with laboratory address on top of cooler(s).
- 2. Arrange sample containers in groups by sample number.
- 3. Ensure all bottle labels are completed correctly. Place clear tape over bottle labels to prevent moisture accumulation from causing the label to peel off.
- 4. Arrange containers in front of assigned coolers.
- 5. Place packaging material appropriately at the bottom of the cooler to act as a cushion for the sample containers.
- 6. Arrange containers in the cooler so they are not in contact with the cooler or other samples.
- 7. Fill remaining spaces with packaging material.
- 8. Ensure all containers are firmly packed in packaging material.
- 9. If ice is required to preserve the samples, ice cubes should be repackaged in Ziploc™ bags and placed on top of the packaging material.
- 10. Sign chain of custody form (or obtain signature) and indicate the time and date it was relinquished to courier as appropriate.
- 11. Separate chain of custody forms. Seal proper copies within a large Ziploc™ bag and tape to inside cover of cooler. Retain copies of all forms.
- 12. Close lid and latch.
- 13. Secure each cooler using custody seals.
- 14. Tape cooler shut on both ends.
- 15. Relinquish to overnight delivery service as appropriate. Retain air bill receipt for project records. (Note: All samples will be shipped for "NEXT A.M." delivery).

6.4 Quality Assurance/Quality Control

Judy Harry of Data Validation Services will review the analytical data for quality assurance and quality control in accordance with NYSDEC standards. The professional profile for Judy Harry is provided in Attachment 1. A laboratory SOP for analysis of PFAS is included in Attachment 2.

The primary intended use for the RI data is to characterize Site conditions and determine if remediation needs to be undertaken at the Site. The primary DQO of the soil, groundwater, and soil vapor programs, therefore, is that data be accurate and precise, thus, representative of the actual Site conditions. Accuracy refers to the ability of the laboratory to obtain a true value (i.e. compared to a standard) and is assessed through the use of laboratory quality control (QC) samples, including laboratory control samples and matrix spike samples, as well as through the use of surrogates, which are compounds not typically found in the environment that are injected into the samples prior to analysis. Precision refers to the ability to replicate a value and is assessed through both field and laboratory duplicate samples.

Sensitivity is also a critical issue in generating representative data. Laboratory equipment must be of sufficient sensitivity to detect target compounds and analytes at levels below NYSDEC standards and guidelines whenever possible. Equipment sensitivity can be decreased by field or laboratory contamination of samples, and by sample matrix effects. Assessment of instrument sensitivity is performed through the analysis of reagent blanks, near-detection-limit standards, and response factors. Potential field and/or laboratory contamination is assessed through use of trip blanks, method blanks, and equipment rinse blanks (also called "field blanks"). Field blanks for PFAS will be collected at a minimum frequency of one per day.

Table 1 lists the requirements for field and laboratory QC samples that will be analyzed to assess data accuracy and precision, as well as to determine if equipment sensitivity has been compromised. Table 2 lists the number/type of field and QA/QC samples that will be collected during the RI. Table 3 lists the preservation, holding times and sample container information.

All RI “assessment” analyses (i.e. TCL/Part 375 plus 30/ TAL, ECs and TO-15) will be performed in accordance with the NYSDEC Analytical Services Protocol (ASP), using USEPA SW 846 methods.

All laboratory data are to be reported in NYSDEC ASP Category B deliverables and will be delivered to NYSDEC in electronic data deliverable (EDD) format as described on NYSDEC’s website (<http://www.dec.ny.gov/chemical/62440.html>) and recent updated procedures enacted in November 2018. A Data Usability Report will be prepared meeting the requirements in Section 2.2(a)1.ii and Appendix 2B of DER-10 for all data packages generated for the RI. The DUSR will be prepared by Judy Harry, a third-party data validator. Validator resume is included in Attachment 1.

7. Site Control Procedures

Site control procedures, including decontamination and waste handling and disposal, are discussed below. Site control procedures have been developed to minimize both the risk of exposure to contamination and the spread of contamination during field activities at the Site. All personnel who come into designated work areas, including contractors and observers, will be required to adhere strictly to the conditions imposed herein and to the provisions of a Site-Specific Health and Safety Plan (HASP). The HASP is included as Appendix H to the RIWP.

7.1 Decontamination

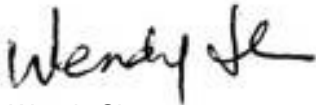
In an attempt to avoid the spread of contamination, all drilling and sampling equipment must be decontaminated at a reasonable frequency in a properly designed and located decontamination area. Detailed procedures for the decontamination of field and sampling equipment are included in Roux's SOPs for the Decontamination of Field Equipment located in Attachment 2. The location of the decontamination area will be determined prior to the start of field operations. The decontamination area will be constructed to ensure that all wash water generated during decontamination can be collected and containerized for proper disposal.

7.2 Waste Handling and Disposal

All waste materials (drill cuttings, decontamination water, etc.) generated during the RI will be consolidated, and stored in appropriate labeled bulk containers (drums, etc.), and temporarily staged at an investigation derived waste storage area on-site. Roux will then coordinate waste characterization and disposal by appropriate means.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Wendy Shen
Senior Engineer



Noelle Clarke, P.E.
Principal Engineer

Quality Assurance Project Plan
Sendero Verde Redevelopment Project – Parcel B

TABLES

1. Field and Laboratory QC Summary
2. Remedial Investigation Sampling Summary
3. Preservation, Holding Times, and Sample Containers

Table 1. Field and Laboratory QC Summary

QC Check Type	Minimum Frequency	Use
<u>Field QC</u>		
Duplicate	1 per matrix per 20 samples or SD	Precision
Trip Blank	1 per VOC cooler	Sensitivity
Field Blank (non-PFAS)	1 per matrix per 20 samples	Sensitivity
Field Blank (PFAS)	1 per matrix per 20 samples	Sensitivity
<u>Laboratory QC</u>		
Laboratory Control Sample	1 per matrix per SDG	Accuracy
Matrix Spike/Matrix Spike Duplicate/Matrix Duplicate	1 per matrix per SDG	Accuracy/Precision
Surrogate Spike	All organics samples	Accuracy
Laboratory Duplicate	1 per matrix per SDG	Precision
Method Blank	1 per matrix per SDG	Sensitivity

Notes:

* SDG - Sample Delivery Group - Assumes a single extraction or preparation

** Provided to lab by field sampling personnel

PFAS - Per- and Polyfluoroalkyl Substances

Table 2. Remedial Investigation Sampling Summary

Sample Medium	Target Analytes	Field Samples	Replicates ¹	Trip Blanks ²	Field Blanks ¹	Matrix Spikes ¹	Spike Duplicates ¹	Total No. of Samples
Soil	TCL/Part 375 VOCs +10	48	3	10	10	2	2	75
	TCL/Part 375 SVOCs +20	48	3	-	10	2	2	65
	TCL/Part 375 Pesticides	48	3	-	10	2	2	65
	TCL/Part 375 Herbicides	48	3	-	10	2	2	65
	TCL/Part 375 PCBs	48	3	-	10	2	2	65
	TAL Metals	48	3	-	10	2	2	65
	PFAS	48	3	-	10	2	2	65
	1,4-Dioxane	48	3	-	10	2	2	65
Groundwater	TCL/Part 375 VOCs +10	5	1	10	10	2	2	30
	TCL/Part 375 SVOCs +20	5	1	-	10	2	2	20
	TCL/Part 375 Pesticides	5	1	-	10	2	2	20
	TCL/Part 375 Herbicides	5	1	-	10	2	2	20
	TCL/Part 375 PCBs	5	1	-	10	2	2	20
	TAL Metals*	5	1	-	10	2	2	20
	PFAS	5	1	-	10	2	2	20
	1,4-Dioxane	5	1	-	10	2	2	20
Soil Vapor	TO-15 VOCs	9	1	-	-	-	-	10

Totals are estimated based on scope of work as written, actual sample quantities may vary based on field conditions. QA/QC sample quantities will be adjusted accordingly.

¹ Based on 1 per 20 samples or 1 per Sample Delivery Group (3 days max)

² Based on 1 cooler per day

TCL/Part 375 - USEPA Contract Laboratory Program Target Compound List

USEPA - United States Environmental Protection Agency

VOCs - Volatile Organic Compounds

SVOCs - Semivolatile Organic Compounds

PCBs - Polychlorinated Biphenyls

PFAS - Per- and Polyfluoroalkyl Substances

TAL - USEPA Contract Laboratory Program Target Analyte List

*Metals, SVOCs, PCBs and Pesticides will be analyzed for both filtered and unfiltered metals in groundwater samples.

**A total of 52 sample(s) will be held pending the results of the initial, shallower sample. QA/QC samples will be adjusted accordingly if held samples are analyzed. Held samples will only be analyzed for parameters that exceeded Soil Cleanup Objectives in shallower samples.

Table 3. Preservation, Holding Times and Sample Containers

Analysis	Matrix	Bottle Type	Preservation(a)	Holding Time(b)
TAL/Part 375 Metals (total) SW-846 6010/7471	Soil Water	8 oz wide mouth glass, teflon lined cap 250 mL plastic, teflon lined cap	Cool to 4°C Nitric acid	180 days, Hg 28 days
Hexavalent Chromium SW-846 7196A	Soil Water	2 oz wide mouth glass, teflon lined cap 500 mL plastic bottle	None	30 days from sample collection to extraction; 7 days following extraction 24 hours from sample collection
Total Cyanide SW-846 9012B	Soil Water	4 oz wide mouth glass, teflon lined cap 250 mL plastic bottle	Cool to 4°C NaOH	14 days from sample collection 14 days from sample collection
PFAS vis EPA 537(M)-Isotope Dilution PFAS vis EPA 537(M)-Isotope Dilution	Soil Water	Three 250 mL HDPE bottles Three 250 mL HDPE bottles	None Trizma	14 days to extract, 40 days to analysis 14 days from sample collection
1,4-Dioxane via 8270SIM 1,4-Dioxane via 8270SIM	Soil Water	8 oz wide mouth glass, teflon lined cap 500 mL amber glass	Cool to 4°C Cool to 4°C	14 days to extract, 40 days to analysis 7 days from sample collection
TO-15	Air	2.7 liter Summa Canister	None	14 days from sample collection
Target Compound List (TCL)/Part 375				
TCL/Part 375 Volatile Organic Compounds (VOCs) SW-846 8260B	Soil Water	Encore 40mL vial, teflon lined cap	Cool to 4°C Hydrochloric Acid	48 hours, or 14 days if extruded into sealed vial and either frozen to -7 degrees C or extruded into methanol 14 days from sample collection
TCL/Part 375 Semivolatile Organic Compounds (SVOCs) SW-846 8270C	Soil Water	8 oz wide mouth glass, teflon lined cap 1 liter amber glass, teflon lined cap	Cool to 4°C	14 days to extract, 40 days to analysis 7 days to extract, 40 days to analysis
TCL/Part 375 Pesticides SW-846 8081A	Soil Water	8 oz wide mouth glass, teflon lined cap 1 liter amber glass, teflon lined cap	Cool to 4°C	14 days to extract, 40 days to analysis 7 days to extract, 40 days to analysis
TCL/Part 375 Herbicides SW-846 8051A	Soil Water	8 oz wide mouth glass, teflon lined cap 1 liter amber glass, teflon lined cap	Cool to 4°C	14 days to extract, 40 days to analysis 7 days to extract, 40 days to analysis
TCL/Part 375 Polychlorinated biphenyls (PCBs) SW-846 8082/TCLP	Soil Water	8 oz wide mouth glass, teflon lined cap 1 liter amber glass, teflon lined cap	Cool to 4°C	14 days to extract, 40 days to analysis 7 days to extract, 40 days to analysis

(a) All soil and groundwater samples to be preserved in ice during collection and transport

(b) Days from date of sample collection.

TAL - Target Analyte List

PFAS - Per- and Polyfluoroalkyl Substances

TCL - USEPA Contract Laboratory Program Target Compound List

USEPA - United States Environmental Protection Agency

Quality Assurance Project Plan
Sendero Verde Redevelopment Project – Parcel B

ATTACHMENTS

1. Professional Profiles
2. Standard Operating Procedures, Laboratory Detection Limits for Emerging Contaminants and NYSDEC Guidance for Sampling Emerging Contaminants

Quality Assurance Project Plan
Sendero Verde Redevelopment Project – Parcel B

ATTACHMENT 1

Professional Profiles

TECHNICAL SPECIALTIES

Phase I/Phase II Environmental Site Assessments (ESA), remedial investigations, feasibility studies, pilot testing, remedial design, implementation, construction management, and startup evaluations for remediation of soil, groundwater, and sediment. Extensive experience at brownfields redevelopment sites, former industrial facilities, and public works facilities. Evaluation and design of storm water drainage systems. Evaluation, design, and construction management for new and existing wastewater treatment processes.

EXPERIENCE SUMMARY

Twenty-seven years' experience: Principal Engineer/Senior Engineer at Roux/Remedial Engineering, P.C; Project Engineer at Camp Dresser & McKee

CREDENTIALS

B.S. - Civil Engineering, Manhattan College, 1991

M.E. - Environmental Engineering, Manhattan College, 1994

Professional Engineer, New York, 1995

KEY PROJECTS

- Principal Engineer for a Brownfield redevelopment of a property adjacent to a dry-cleaning solvent distribution facility in Brooklyn, New York under the NYSDEC BCP. The site was previously a warehouse built on a former freight railyard that serviced the dry-cleaning solvent facility. Offloading spillage on site and migration from the offsite facility resulted in significant soil, groundwater, and vapor contamination with chlorinated VOCs. The site was developed into multifamily housing with first floor retail use. Pre-remediation and posts-remediation Phase I ESAs were prepared by Roux. The remedy, as summarized in the Remedial Action Work Plan, consisted of soil hot spot removal to 35 feet below grade, a physical barrier to limit on site migration, a permeable reactive wall to mitigate offsite contaminant migration, and a sub slab depressurization system. In order to reach the target excavation depths of 35 feet, maintain stability of the adjacent aging building, limit VOC emissions and avoid significant dewatering, soil was removed from the hot spots by excavating trenches, which were simultaneously backfilled with a cement /bentonite slurry mix. Roux conducted continuous monitoring of VOCs and dust at the site perimeter and of all personnel working in the excavation exclusion zone. Vapor suppressant foam was used to control VOC emissions and water was used to control dust during excavation and loading of trucks. Implementation of a perimeter community air monitoring plan assured that the public was not exposed to contaminants during the remediation process. Roux, under the direction of Ms. Clarke provided full time oversight of the remediation and prepared the Final Engineering Report and Site

Management Plan. The Certificate of Completion for the Site was obtained in October 2015 and Roux is currently providing post-remediation monitoring services.

- Principal Engineer for the alternatives evaluation, remedy selection, regulatory negotiation, preparation of design documents (drawings, specifications and permit applications), permitting, bidding, contractor selection, construction management and regulatory reporting for all remedial components in support of redevelopment at a former metals manufacturing site in Staten Island, New York under the New York State Department of Environmental Conservation Voluntary Cleanup Program. The remedy included dredging, *ex situ* stabilization and onsite disposal of stream sediments; consolidation and capping of fill material across the site; in-place abandonment of the Site's former sewer system; installation of drainage swales for storm water management; and wetland bank stabilization and mitigation/restoration. As part of the remedy selection process, a bench scale testing program for several stabilization reagents was developed and implemented. Roux was responsible for specification, sourcing and testing of multiple types certified clean backfill and capping materials. The work included permitting of remedial activities with multiple federal, state and local agencies. Required permits and regulatory approvals for the project included a Joint Permit from the USACE and NYSDEC for dredging of Mill Creek, bank stabilization and construction activities in the wetlands; a NYSDEC SPDES equivalency permit for discharge of treated water to the Arthur Kill, a New York State Department of State Coastal Management Program Federal Consistency Assessment; a New York City Waterfront Revitalization Program Consistency Assessment, a modification of topography authorization from New York City Department of City Planning; and a New York City Department of Environmental Protection permit for temporary discharge to a combined sewer. Also required by the USACE and National Marine Fisheries, was preparation of an Essential Fish Habitat Study, in support of the Joint Permit application. Permitting activities included preparation of the various permit applications, forms and supporting documentation, as well as follow up meetings and correspondence to finalize the authorizations. Roux was heavily involved in coordinating with the client, regulators and contractor for mobilization to the site in late 2006. During the construction Ms. Clarke provided support to the onsite construction manager regarding field changes, design revisions to account for unexpected conditions and contractor questions. The Final Engineering Report summarizing the construction activities was accepted by NYSDEC.

- Principal-in-Charge of an extensive investigation and remediation project at a former petroleum refinery and current distribution facility located in Buffalo, New York. The site entered the NYSDEC BCP in 2006. Multiple Alternatives Analysis Reports (to document analysis of engineering options and remedy recommendation), Remedial Action Work Plans and remedial design documents have been prepared to address the environmental impacts associated with the five Operable Units (OU) on the Site. Remedial construction for OU-1 was completed in 2007 and included excavation and disposal of impacted soil. The Final Construction Certification Report for OU-1 was accepted by the NYSDEC. The Alternatives Analysis Report and Remedial Design for OU-4 were submitted and approved by NYSDEC. The remedy for OU-4 included stabilization of 1,400 linear feet of river embankment using tiered slopes, rip rap, and reinforced bioengineering, slurry wall groundwater containment, low permeability capping over eight acres, a stormwater collection system and constructed wetland treatment for stormwater. Various vegetative measures were incorporated into the design to promote vegetative growth and enhance wildlife habitats. The Alternatives Analysis Reports for OU-2 and OU-3 were submitted to NYSDEC. For OU-2, bench scale studies of in situ stabilization/solidification reagents were completed and evaluated for treatment of lead and petroleum impacted soil. In addition, field pilot studies of multiple in situ stabilization reagents were completed and evaluated. Design of a stormwater collection system for portions of OU-2 and OU-3 was completed in 2010 and construction was completed in 2014 under the direction of Ms. Clarke. For all projects, Roux was responsible for specification, sourcing and testing of multiple types certified clean backfill and capping materials.
- For the same petroleum terminal in Buffalo, New York, the work also includes performing activities related to the operation of the remediation systems at the Site. These activities have included preparing a feasibility study work plan for improving water management systems at the site; preparing a work plan, directing the field work and preparing an evaluation summary report for startup and testing of a portion of the groundwater extraction system at the Site; and assisting in preparation of plans to upgrade the existing treatment facilities at the Site.
- For the same petroleum terminal in Buffalo, New York, the work also included preparation of design documents and a completion report for in-place closure of the site's former in-ground oil water separator. In addition, a vapor enhanced extraction pilot study work plan was prepared and implemented at

the site for recovery of separate-phase product in one portion of the site located adjacent to the Buffalo River. The results of the VER pilot testing, along with the results of chemical oxidation pilot testing conducted at the site, have been summarized in a Remedial Action Selection report, which recommended implementation of chemical oxidation in this portion of the site. A conceptual plan for implementation of chemical oxidation was submitted with the selection document. The work also included maintaining contact with regulatory agencies regarding the status of activities at the Terminal; preparing compliance monitoring reports for submittal to the regulatory agencies; overall project coordination; and budget management and tracking.

- Principal Engineer for a complex dredging project on the Allegheny River in New York to remove petroleum impacted sediments. Included the Site Investigation, Remedial Investigation, Alternative Feasibility Study and regulatory permitting with multiple federal, state and local agencies and for upcoming dredge of 1,000 tons of sediment.
- Principal Engineer providing due diligence support for real estate transactions on multiple projects in the New York metropolitan area. Projects have included multi-family housing (both affordable and market rate), retail/commercial, community services and industrial properties. Services have included Phase I and Phase II ESAs.
- Principal Engineer for a Brownfield redevelopment in Brooklyn, New York at a mixed use multifamily housing/neighborhood retail complex with a former onsite dry cleaner under the NYSDEC BCP. There is soil, groundwater, and vapor contamination from chlorinated VOCs from the former onsite dry cleaner, as well as groundwater contamination from offsite dry cleaners. The remedy, described in the Remedial Action Work Plan prepared by Roux, consisted of hot spot soil removal within the basement of the building, *in situ* groundwater treatment and a sub slab depressurization system for vapor mitigation in the existing buildings. Roux was responsible for specification, sourcing and testing of certified clean backfill material. Remedial construction was completed under the oversight of Roux, including continuous monitoring of VOCs for all personnel working in the basement excavation area. A combination of ventilation, work sequencing and vapor suppressant foam was used to control VOC emissions and allow the work to be completed successfully in this challenging setting. The Final Engineering Report and Site Management Plan were prepared by Roux and the Certificate of Completion for the Site was obtained

in 2016. Roux is currently providing post-remediation monitoring services.

- Principal Engineer for the investigation, remedial design, construction oversight and operation and maintenance of a bioventing and soil vapor extraction system at the Site of a diesel UST failure in Brooklyn. A free product recovery system was also designed, installed, and operated by Roux. Investigation activities included the use of the sonic drilling technique to advance twelve wells to 85 feet below grade through cobbles and boulders for delineation of separate phase product, soil and groundwater impacts. Eight wells were converted to combination biovent/SVE wells. Design included specification of SVE and biovent blowers, piping, valves, and an automatic control system. Product only pumps were also designed and installed in three wells. Approximately 2,000 gallons of product were recovered to by the two systems and the spill was closed by NYSDEC in 2011.
- Principal Engineer for the investigation, design, and implementation of a soil remediation project at a portion of a former oil terminal in Sag Harbor, New York. The remedy completed included excavation and offsite disposal of approximately 2,000 tons of petroleum contaminated soil from beneath an active public roadway under the NYSDEC spills program. The remedy included extensive traffic control and coordination with Village of Sag Harbor officials, dewatering, water treatment, temporary water discharge of treated water to Sag Harbor and restoration of the public roadway in accordance with the Village of Sag Harbor Department of Public Works requirements. VOC emissions were controlled during the excavation and loading of trucks using vapor suppressant foam. Dust was controlled using water. Implementation of a perimeter community air monitoring plan assured that the public was not exposed to contaminants during the remediation process. Roux prepared a Final Engineering Report, which was accepted by NYSDEC and resulted in the closure of the spill number for the Site.
- Principal engineer for a NYSDEC BCP redevelopment in Staten Island, New York of a former retail service station site. There is soil, groundwater, and vapor contamination from petroleum-related constituents near the former gasoline piping and pump island (the petroleum source area), as well as historic fill across the entire site. An interim remedial measure consisting of removal of four underground gasoline storage tanks, pump island, associated piping and petroleum impacted soil was completed in 2015. VOC emissions were controlled during the excavation and loading of trucks using vapor suppressant foam. Dust was controlled

using water. Implementation of a perimeter community air monitoring plan assured that the public was not exposed to contaminants during the work. The Site-wide remedy, described in the Remedial Action Work Plan prepared by Roux, will consist of a sheet pile containment wall around the petroleum source area, a Site Cover System across the entire site (comprised of concrete building slab/walkways, asphalt parking areas and limited landscaped areas) and a sub-slab depressurization system to prevent vapor intrusion into the proposed retail building and offsite migration of impacted soil vapor.

- Principal-in-charge of the hot spot soil removal and final soil capping of a former 7.5-acre petroleum terminal in Hastings on Hudson New York. Roux oversaw the field work which included sourcing and sampling of over 22,000 cubic yards of soil and topsoil that was transported to the Site via barge and truck to backfill the hot spot excavation and implement a two-foot soil cap across the Site. Oversight activities included ensuring compliance with the contract documents, daily oversight and health and safety for subcontractors on land and on barge, implementation of site specific storm water pollution prevention plan and community air monitoring at the Site perimeter to ensure that VOC and dust emissions during construction did not impact the surrounding community.
- Principal Engineer for the investigation, design, and implementation of a soil remediation project at a 4-acre former oil terminal in Cold Spring Harbor, New York under the NYSDEC spills program. The remedy completed included excavation and offsite disposal of approximately 20,000 tons of petroleum contaminated and/or hazardous lead contaminated soil in accordance with the future use of the site under an Environmental Easement. Additional activities completed by Roux at the site included asbestos remediation followed by building demolition, UST removal, and cesspool remediation. Roux was responsible for specification, sourcing and testing of certified clean backfill material. VOC emissions were controlled during the excavation and loading of trucks using vapor suppressant foam. Dust was controlled using water. Implementation of a perimeter community air monitoring plan assured that the public was not exposed to contaminants during the remediation process. Roux prepared a Final Engineering Report, which was accepted by NYSDEC and resulted in the closure of the spill number for the Site.
- Principal Engineer for the design and specification of a large-scale (750 scfm) soil vapor extraction (SVE) pilot system with thermal oxidation off-gas treatment for a client in Brazil. Responsibilities included equipment

sizing and specification, selection of materials of construction, SVE well and equipment layout, description of general startup procedures and preparation of a pilot test work plan. The pilot test work plan included a description of the pilot test operating procedures to be followed, operating parameters to be monitored and data to be collected and analyzed. The work also included conducting the pilot test activities and generating a report that included plans for expanding the SVE system across the Site. The work currently also included technical support for evaluating and optimizing system performance.

- Project Manager for a storm sewer study at the former metals manufacturing facility in Staten Island, New York as part of the Voluntary Cleanup Program for the Site to identify contaminated infiltration sources, provide an accurate site drainage map, and verify contributing areas to each outfall. The investigation included field inspections, surveying, dye testing, and sampling during varying tidal conditions. The storm sewer map prepared was used for future sewer closure and site redevelopment planning.
- Project Manager for preparation of a work plan, direction the field activities and preparation of a summary report for investigation of the storm-water collection system at a petroleum terminal in Buffalo, New York. The objectives of the storm sewer investigation were to: prepare a detailed map of the Site's sewer system; re-establish connections that may have become blocked by debris; investigate the structural integrity of the storm sewers; locate areas of groundwater infiltration and assess infiltration rate and quality; assess wet and dry-weather flow and quality; and identify areas contributing surface water to the collection system, including hydrologic modeling using TR-55. Based on the results of the investigation, several improvements to the sewer system were recommended, including eliminating inlets to the system in areas of the site where no active operations currently take place and rehabilitation and/or installation of new sewers to restore flow by gravity to the treatment system.
- Principal engineer for the design of a new storm water collection system for a metals manufacturing site in Staten Island, New York under the NYSDEC VCP. The design included evaluation and hydrologic modeling of the system using the U.S. Soil Conservation Service TR-55 hydrologic analysis model, inlet structure and pipe sizing and layout, outfall design and specification of materials and methods of construction for all system components.
- Principal-in-Charge of the operation, maintenance, monitoring and reporting activities at multiple active and former petroleum storage and distribution

terminals located in New York for a large petroleum company. The work includes operation, maintenance, and performance/compliance monitoring services at the sites that currently have active remediation system installed and monitoring, sampling, and reporting services at sites without systems. The remediation systems include groundwater extraction and treatment, free product recovery, bio-sparging, and soil vapor extraction/air sparging. At these sites, Roux Associates is responsible for: maintaining and troubleshooting the various system components to reduce downtime to the extent possible; repairing and/or replacing equipment as needed; coordinating the upgrading of the electrical systems, as needed, to meet current building code requirements; expanding systems to meet regulatory requirements, as needed; optimizing system performance; collecting performance monitoring samples and data to track the efficiency of the treatment systems; and collecting compliance monitoring data.

- Principal Engineer for at multiple petroleum terminals in New York State for groundwater quality and surface water quality sampling and monitoring well gauging as required by the New York State Department of Environmental Conservation, as well as quarterly reporting for all sites. The work has also included collection of soil quality data at several sites and performance of an electromagnetic survey to support the divestiture and redevelopment of one of these sites. Based on these results, soil removal activities were performed at one of the former terminals in order to obtain regulatory closure of the site. Roux Associates successfully completed the remedial activities to the satisfaction of the regulator and received closure for the client of the open spill number. Regulatory closure of another of these former terminals was obtained based upon the results of ongoing groundwater monitoring and reporting.
- Project Engineer for design of a 2.6-mgd groundwater treatment system at the Fireman's Training Center for Nassau County Department of Public Works on Long Island. The work included design of air strippers, exhaust stacks, liquid-phase GAC treatment units, and all chemical feed and storage facilities, including unit sizing, selection of materials of construction, equipment layout, and coordination with other disciplines. The work also included development of the "mass balance" for the facility.
- Task leader in charge of overseeing a bioventing pilot study conducted by a subconsultant, to treat contaminated vadose zone soils at the Fireman's Training Center site in Nassau County, New York. The work included development of a preliminary design

report for the full-scale implementation of bioventing at the site based upon the results of the pilot study.

- Project Engineer for the design, specification, construction and operation of an air sparging and soil vapor extraction pilot at the Long Island terminal of a large petrochemical distributor. The pilot was designed to treat contaminated ground water and vadose zone soils resulting from a one-million-gallon gasoline spill at the site. The work included development of the field sampling program and sampling and evaluation of various parameters to determine the pilot's radius of influence and effectiveness. The work also included performing data analysis and preparation of the pilot study report, which recommended full scale implementation of air sparging at the site. The site-wide implementation of air sparging and expansion of the site's existing vapor extraction system at the same Long Island petrochemical terminal was also part of the work. Responsibilities included design, specification, and layout of all mechanical equipment, vapor extraction, and air sparging wells and new vapor extraction/air sparging piping.
- Task leader responsible for investigating alternatives for the treatment of gasoline contaminated off-gas from air stripping operations a Long Island petrochemical terminal. Based on this evaluation, biofiltration was selected for piloting. Responsibilities included design of a pilot unit; development of sampling and data collection procedures; construction oversight and "troubleshooting" for the unit; coordination of data collection activities; and compilation and analysis of the pilot data.
- Project Engineer for the design of a 0.50-mgd groundwater treatment facility a Long Island petrochemical terminal. Responsibilities included the design, specification, and layout of mechanical equipment, including the air stripping tower, vapor phase granular activated carbon off-gas treatment, centrifugal blowers, ductwork, influent pump, and concrete wet well. Responsible for shop drawing review during the construction phase.
- Project Manager for an investigation at a gasoline service station with soil and groundwater contamination. Responsible for reviewing and evaluating the work of another consultant that performed the soil and groundwater sampling and conducted remedial activities at the site including: investigation summary reports; remedial designs; remediation progress reports; correspondence with regulators; and plans for future work at the Site. The work also included mapping the groundwater flow patterns in the area of the service station and mapping the areal and vertical extent of the groundwater

contamination. Responsible for project coordination and budget management and tracking.

- Project Manager for the remedial design at a Superfund Site in Nanuet, New York for the New York State Department of Environmental Conservation. The work included preparation of a preliminary design report, which evaluated two alternatives for handling hazardous soils and sediments at the site contaminated with volatile organic compounds. Each alternative was evaluated on the basis of technical feasibility, cost and schedule for implementation. Based upon this evaluation, off-site disposal was recommended over on-site treatment. The report presented a site-wide conceptual plan for remediation, including: soil/sediment excavation, staging and sampling; stream diversion; excavation dewatering; temporary on-site groundwater treatment; and long term monitoring. Duties also included managing and tracking all project budgets and serving as the main client contact.
- Project Manager for the field investigation, feasibility evaluation, and remedial design at Superfund Site in Spring Valley, New York for the New York State Department of Environmental Conservation. The work included development of a work plan and site operations plan. The field investigations included Geoprobe soil borings; groundwater monitoring well installation; groundwater sampling; aquifer pump testing; and vapor extraction pilot testing. Work also included conducting the field operations for the vapor extraction pilot and producing a summary report of the field investigation results. The report presented an evaluation of the cost and feasibility of several alternatives for remediation of the site. It recommended reducing the level of effort of the remediation presented in the Record of Decision, based on lower levels of contamination encountered during the investigation. Duties also included project coordination; budget management and tracking; and development of subcontract agreements.
- Project Engineer for upgrades to the Spring Creek Auxiliary Water Pollution Control Plant for the City of New York. The work included the evaluation, design and specification of a two-stage odor control system, chemical storage and feed facilities testing and new effluent disinfection system.
- Project Engineer responsible for preparation of design documents for the replacement of the sodium hypochlorite pumps and piping at the Mamaroneck Wastewater Treatment Plant for Westchester County Department of Environmental Facilities in New York.
- Project Engineer for design of upgrades to the New Rochelle Wastewater Treatment Facility for Westchester County Department of Environmental Facilities in New York. Designed upgrades to the main

influent pump station, including rehabilitation of the existing influent pumps and replacement of the magnetic drives with new variable frequency drives. Responsibilities also included design of a submersible automatic duplex sump pump system, new primary sludge pumps and piping and new primary and secondary settling tank equipment. The work also included assisting the County during the bidding and contractor selection phase and preparing addenda to the contract documents.

- Project Manager for the construction of upgrades to the New Rochelle Wastewater Treatment Facility. Responsibilities included overseeing the shop drawing logging and distribution process; reviewing mechanical equipment shop drawings; addressing contractor questions regarding the contract documents; and coordinating with the resident engineer in the field and the electrical and general contractors.
- Project Engineer for the performance evaluation of the Harriman Wastewater Treatment Plant for the Orange County Department of Environmental Facilities and Services. Responsibilities included documentation of the existing conditions at the plant and evaluation of the historical and current performance of the plant with respect to its potential for expansion. A summary report was prepared, which included evaluations of the existing plant processes with respect to standard design criteria, typical design practices and receiving water considerations. This summary report served as the basis for the facilities plan prepared as the next phase of the project.
- Project Engineer for the facilities plan for the upgrade of the Harriman Wastewater Treatment Plant. Responsibilities included evaluation of alternatives for expanding the plant's treatment capacity. A report was prepared, which recommended the conversion of the existing oxidation ditches to sequencing batch reactors in order to increase the plant's treatment capacity to 6.0 mgd within the limited space available on the site.
- Project Engineer for the Gates-Chili-Ogden Pump Station and Force main design for Monroe County, New York. The design consisted of a new 36 mgd wet pit/dry pit pump station, influent sewer and force main. Responsibilities included evaluating influent pumping conditions, and design of the influent sewer, manual influent bar racks and a duplex automatic submersible sump pump system for the station.

- Project Engineer for the design of a submersible pump station to handle sewage flow from a proposed dog pound for the City of Waterbury in Connecticut. The design included a concrete manhole pump station with two 100 gpm submersible grinder pumps, a separate valve vault, and a 4-inch force main. The station was designed to operate automatically based upon wet well levels and included monitoring and transmitting of alarm conditions via a telephone interconnection.
- Project Manager for the annual emissions testing of the landfill gas thermal oxidizer at the Oyster Bay Solid Waste Disposal Complex on Long Island. Responsibilities included scheduling the field testing; coordinating with the testing subcontractor, the Town's laboratory, and the site project manager; overseeing the field testing; compiling and analyzing the test data; and preparing a draft and final test report.
- Project Manager for the Flow Augmentation Needs Study (FANS) for Suffolk County Department of Public Works, New York. Responsibilities included coordinating and implementing the annual wetland monitoring effort for collection of data to characterize the vegetation communities and surface water and groundwater conditions at four freshwater wetland sites in Suffolk County. Duties also included maintaining a database of all vegetation data collected; developing and refining equations to characterize the groundwater table and wetlands vegetation in all monitoring areas; evaluating potential impacts of sewerage on sensitive wetlands; and evaluating the need for any mitigation of these sites as triggered by vegetation changes correlated to groundwater drawdown. Responsibilities also included coordinating the production of a draft and final annual monitoring report summarizing the findings the program.
- Task leader for two project tasks for the Nassau County Water Management Plan for Nassau County Department of Public Works. The first task included researching, compiling data and describing the County's approximately 50 public water supply systems and mapping their different methods of treatment, storage and pumping. The second task included summarizing all Federal, State and local laws, regulations and programs that relate to the protection of the County's groundwater resources.

TECHNICAL SPECIALTIES

Management of construction and remediation projects, including Brownfield redevelopment, building construction, excavation and disposal of impacted soil, engineering services for the investigation, design, construction, and operation and maintenance of remedial systems for the treatment of contaminated soil and groundwater.

EXPERIENCE SUMMARY

Seventeen years of experience: Senior Engineer, Project Engineer, Staff Engineer, and Staff Assistant Engineer with Roux.

CREDENTIALS

M.S. in Environmental Engineering, Polytechnic University, Brooklyn, New York, 2001

B.S. in Chemical Engineering, Universidade Federal do Rio Grande do Sul, Brazil, 1997

OSHA 40 Hour Health and Safety Course, 2000

OSHA 8 Hour Refresher Courses

KEY PROJECTS

- Senior Engineer responsible for the management of investigation and remediation various Brownfields redevelopment sites containing hazardous and nonhazardous soils in New York City and surrounding. These projects included the implementation of in situ waste characterization sampling program and a Remedial Action Work Plan, which included excavation of soils below grade and management of soils including transportation and disposal and coordination with various disposal facilities. Most of these sites were accepted into the New York City Office of Environmental Remediation (NYC OER) Brownfield Cleanup Program (BCP) or the New York State BCP.
- Senior Engineer responsible for scheduling at a large petroleum remediation project in Brooklyn, New York. Responsibilities included management of all present and future tasks to be completed including operations and maintenance, remedial investigation, design and construction, facility upgrades, special operations, permitting and compliance tracking, health and safety, audits/assessments, sampling and regulatory reporting.
- Project Engineer for the remediation of soil and groundwater at 100+ facilities owned and/or operated by various city agencies in New York City. Activities included preparation of administrative/contractual requirements, work plans, and monitoring reports, cost estimates, proposals, engineering support, and construction oversight.
- Project Engineer for the design of an air sparge and soil vapor extraction system in Andover, Massachusetts.
- Project Engineer for the remediation of soil and groundwater at a former chemical manufacturing

company in Rensselaer, New York. Activities included construction oversight, preparation of reports including Feasibility Study, Interim Remedial Measures, Community Air Monitoring Plans, Sampling Plans, Bid Review, Invoice Review, and various field investigations.

- Project Engineer for an investigation and remediation at a former petroleum refinery in Buffalo, New York. Responsible for assisting in the preparation of multiple work plans and reports of results for field investigations including soil borings and sampling, well installation, and groundwater sampling. Also responsible for reviewing and assisting in the preparation of activities related to the operation of the remediation systems at the Site, including maps, evaluation summaries, plans and compliance monitoring reports.
- Project Engineer for the closure of an underground storage tank (UST) at a shipping facility in Queens, New York. Activities included preparation of cost estimate, work plans, and field management.
- Project and Resident Engineer for the soil remediation of the Captain's Cove Condominiums Site, a federal NPL site, located in Glen Cove, New York. Activities include: supervision of Contractor's activities, regulatory interaction, compile daily field reports, manage laboratory database for excavated and reclaimed soil, shop drawing review, change order preparation, and Health and Safety compliance. Site remediation was completed in September 2001 to accommodate site redevelopment as a commercial waterfront and operating seaport area. Currently managing OM&M groundwater monitoring program at the Site.
- Staff Engineer for a 450-gpm, dual-phase, product recovery system in Greenpoint, Brooklyn, New York. Tasks include: operation and maintenance of groundwater recovery and treatment system and free product recovery system. Also assisted in reviewing drawings and specs related to installation of aboveground storage tanks.
- Staff Engineer for the remediation of soil and groundwater at a former chemical company facility in Brooklyn, New York using a Soil Vapor Extraction and Air Sparging System. Tasks include: review of performance data for air sparge system, operation and maintenance for the SVE/AS System, progress report preparation, and monthly groundwater sampling.
- Staff Engineer for a divestment assessment at a service station in Stratford, Connecticut. Tasks include: oversight, soil sampling, FOIA investigation, coordination with subcontractor and

regulatory agencies, and preparation of letters and reports.

- Resident Engineer for the soil remediation at a former chemical company facility in Dayton, New Jersey. Activities include: construction oversight, Health and Safety compliance, field sampling, and completion report preparation.
- Responsible for assisting in preparing cost estimates, proposals, feasibility studies, interim remedial measures, remedial action plans, health and safety plans, and technical specifications for a variety of soil and groundwater remedial objectives.

- Student/Research Assistant at Laboratory of Polymers, Universidade Federal do Rio Grande do Sul, POA, Brazil. Performed experiments on the metalization of plastics using polyaniline.
- Intern/Researcher at Laboratory of Research and Development at a petrochemical company, Ipiranga Petroquímica, Brazil. Conducted laboratory tests involving additives used in polymers and responsible for quality control/assurance of products.

TECHNICAL SPECIALTIES

Design, implementation, and management of Remedial Investigations and Remedial Actions for sites in regulatory programs including United States Environmental Protection Agency Superfund program, New York State Brownfields Cleanup Program, and New York City Office of Environmental Remediation Voluntary Cleanup Program; Management of due diligence Phase I & II Environmental Site Assessments; Preparation and management of Remedial Investigation Work Plans, Remedial Investigation Reports, Remedial Action Work Plans, and Remedial Action Reports; Investigation and evaluation of petroleum-related contamination; Management of Environmental Site Assessments focusing on soil, groundwater, and soil vapor investigations. Performance of sampling for the following media: soil, groundwater, surface water, soil vapor, and sediment.; and Excavation sampling and oversight and waste tracking.

EXPERIENCE SUMMARY

Over four years of experience: Project and Staff Scientist at Roux Environmental Engineering and Geology, D.P.C.

CREDENTIALS

B.S. Physics, Stony Brook University, 2014
OSHA 40-hour HAZWOPER Training, 2015
OSHA 8-hour Refresher Training, 2016, 2017
OSHA 10-hour Construction Safety Training, 2015
LIRR Track Safety Training
First Aid and CPR Certified

KEY PROJECTS

- Field manager responsible for implementation of Community Air Monitoring Plan during excavation at a hospital in Greenwich Village, NYC. Intrusive activities included removing concrete and rebar and backfilling with clean soil. In addition to CAMP activities, assisted project engineer and construction manager with contractor oversight, material review, health and safety oversight, and daily reporting.
- Field Manager for the installation of over 400 points for a Vapor Mitigation System in an active warehouse in New Jersey. Responsible for semi-annual indoor air sampling consisting of 130 samples and system monitoring to ensure the system is running correctly and efficiently.
- Project Manager for underground storage tank (UST) discovery, inventory, and removal. Field

responsibilities involved subcontractor oversight for excavation and removal of UST, tank cleaning, and waste management.

- Performed numerous Phase I Environmental Site Assessments for due diligence in connection with property transfers for the Metro New York Area. Most properties included commercial properties, former automobile service stations, and residential/office buildings.
- Field manager responsible for soil excavation and waste removal oversight for development of residential buildings in Brooklyn, New York. Responsibilities included overseeing excavation, organization and proper handling of waste manifests and ensuring compliance with the Site Environmental Management Plan.
- Implemented Community Air Monitoring Programs during excavation and disposal activities at multiple locations in Manhattan, the Bronx, Staten Island, Queens, and Brooklyn, New York. Monitored airborne dust and VOCs that are potentially generated by remedial action work activities, reviewing the collected data for exceedances of the New York State Department of Health (NYSDOH) guidelines.
- Site Safety Officer for various remedial investigation sites. Responsibilities include preparation of health and safety plans (HASPs), job safety analysis (JSA) documents development and review, onsite safety meeting management, safety document preparation (Lessons Learned, Near Loss, Field Audits, etc.), and planning/execution of corrective actions.
- Conducted oversight for two months at an old Aluminum facility in Corpus Christi, Texas. Tasks included collecting soil, groundwater, surface water, PCP, and sediment samples.
- Staff Scientist responsible for Phase II Site Assessment and preparation of investigation reports for soil boring installation, monitoring well installation and corresponding soil, soil vapor, and groundwater sampling.
- Field Manager responsible for implementation of Remedial Investigation Work Plan (RIWP) at an industrial warehouse in Brooklyn, NY that is currently being developed for residential apartments. Responsible for groundwater level monitoring which included recording, entering,

and reviewing data with in Situ electronic transducers.

- Field Manager responsible for implementation of a remedial investigation at a facility that once manufactured gas. Tasks included collecting forensic samples and management of on-site Health and Safety.
- Project execution manager for various projects including: subcontractor coordination, scheduling, bottleware and sample management, subcontractor contract preparation, scope of work project design, subcontractor oversight, system operations and maintenance, tenant relations, and health and safety management.

TECHNICAL SPECIALTIES

Engineering services including development and review of design drawings, implementation of design, development of technical specifications, review of construction submittals, development of SWPPPs, field management and site safety of various heavy construction projects, and civil/remediation engineering construction management. Designs have included stormwater drainage systems, NYCDEP sewer system, NYCDOT/DOB sidewalk project, and remedial system design. Additional services including budget management, permitting, project coordination, project scheduling, development of bid packages and cost estimating.

Field management and construction oversight of heavy equipment construction including sewer construction, drainage construction, crane lift activities and remedial construction activities. Environmental site assessments focusing on soil, soil vapor, groundwater and excavation dewatering investigations.

EXPERIENCE SUMMARY

Twelve years of experience: Project Engineer with Roux Environmental Engineering & Geology, D.P.C.; Design Engineer with Bohler Engineering.

CREDENTIALS

B.E. Civil Engineering, Hofstra University, 2006
Fundamentals of Engineering E.I.T. Certification, 2006
Professional Engineer (NY), 2017
OSHA 40-Hour HAZWOPER Training, 2008
OSHA 30-Hour Construction Safety Training, 2011
OSHA 10-Hour Construction Safety Training, 2018
OSHA 8-Hour Hazardous Waste Refresher Training, 2017
LPS 8-Hour Training Certification, 2008
First Aid and CPR Certified, 2016
DOT Hazardous Materials Awareness Training, 2017
NYSDEC Erosion and Sediment Control Training, 2016
Transportation Worker Identification Credential (TWIC)

KEY PROJECTS

- Land Development Site Plan Preparation – Design Engineer for the design and development of residential, commercial and industrial site plan packages for Suffolk County, Nassau County and New York City Boroughs. Site plan packages for the various municipalities within Suffolk County, Nassau County and New York City included components such as: zoning analysis, site removals plan, site design and construction documents, water and sewer system design (detention and retention systems), site grading and drainage plans, and lighting analysis and design.
- Suffolk County Drywell Closure – Senior Engineer for the planning and coordination of closing existing drywell structures serving as sanitary and industrial retention basins for an industrial facility. The project consisted of developing a sampling plan for the site, coordinating sampling and inspection of existing

sanitary and industrial drywells in accordance with Suffolk County Department of Health Services Article 12, SOP No. 9-95 Pumpout and Soil Cleanup Criteria. Following the sampling event, a summary of results was prepared and sent to the SCDHS for review. Due to exceedances that were present within the septic tanks, a remedial action work plan was developed to identify the required steps for successful closure which included coordinating the SCDHS field inspection, extraction of contaminated liquids and solids, and proper disposal of the waste.

- Property Drainage System Design and Construction – Project Engineer for the design and development of a new on-site stormwater treatment system located at a former petroleum terminal in Brooklyn, NY. Design included drainage improvements and modifications for the former petroleum terminal to support ongoing remediation activities that were being conducted to facilitate the future closure of an existing in-ground oil/water separator and removal of associated piping, and to support the anticipated long-term remedy for, and potential future redevelopment of, the subject property. The proposed drainage modifications included the installation of new drainage structures, Contech treatment structures and conveyance piping to collect and treat stormwater runoff within the property, and bypass the existing in-ground oil/water separator, prior to discharging the stormwater via an existing SPDES outfall.
- Oil/Water Separator Closure – Project Engineer for engineering support and review for the closure of an existing in-ground oil/water separator at a former petroleum terminal in Brooklyn, NY. The closure and abandonment of the oil/water separator was deemed the long-term remedy as approved by the NYSDEC. The oil/water separator was originally constructed in the early 1900s and has served the property by providing stormwater runoff treatment. The closure project includes the following tasks: dewatering and treatment of separator water; excavation of existing sludge in separator; dewatering and drying/stabilization of the sludge removed; power washing of interior; backfill and compaction of clean fill inside separator; removal of all existing above grade structures including catwalks, guardrails and piping; proper shipping and disposal of sludge contents; installation of a final cover system consisting of a geosynthetic clay liner (GCL) and filter fabric barrier; and final site grading.
- Utility Tunnel Extension – Project Engineer for construction management of a utility tunnel extension and modification project. The project consisted of installation of a precast concrete stairway access to an existing utility tunnel, installation of a structural slab to span the tunnel extension, installation of a new base slab, installation of cast-in-place concrete walls and top slab, installation of sidewalks and relocation of all existing system piping and conduits. The work was performed in accordance with the requirements of the New York City Department of Buildings (NYCDOB) and the New York City Department of Transportation (NYCDOT).

- Treatment System Building Upgrades – Project Engineer for the review and implementation of engineering drawings for a metals removal system upgrade to an existing 450-gpm groundwater treatment system. The upgrades consisted of: relocating and reinstalling the existing oil/water separator tank on a steel spacer via crane; lifting and installing the existing 10,000 gallon equalization tank to be repurposed as a filter backwash solids removal tank; lifting and installing prefabricated concrete pads with a subbase of Geogrid BX1200 and 6" of aggregate size number 57 (as per NYCDDC Highway Specifications and ASTM C33) compacted to 95% Standard Proctor, under proposed tank locations; locating a new 20,000 gallon equalization/aeration tank on the new pad; installing of new blower motor and enclosure; and installing of new piping and appurtenances.
- Recovery Well Construction – Staff Engineer for the construction of aspects of a dual-phase free-phase petroleum product (free-product) and groundwater recovery well at a former petroleum terminal in Brooklyn, NY. Groundwater extracted from the recovery well would be conveyed through 4-inch diameter high density polyethylene standard dimension ratio 11 (HDPE SDR 11) piping and connected to an existing 6-inch HPDE SDR 11 force main piping network that transports the groundwater to an existing on-site groundwater treatment system. Any free-product recovered would be sent to an existing 2,000 gallon above ground storage tank (AST) via 1-inch double wall product piping. Electrical and signal conduits were routed to an existing well house where the system control components were housed.
- Treatment System Building Roof Rehabilitation and Platform Installation – Project/Staff Engineer for providing engineering design, review and construction management of the rehabilitation of a roof and installation of an internal platform in an existing remediation groundwater treatment system building located at a former petroleum terminal in Brooklyn, NY. The roof rehabilitation project included the replacement of approximately 1,200 square feet of stainless steel decking, insulation and waterproofing. The project also included the construction of three new skylights and access ladders. The platform installation project included the installation of new steel members and fiberglass reinforced polymer (FRP) molded grating within the existing remediation groundwater treatment to provide a working platform for on-site technicians. The new steel members were bolted to existing infrastructure to limit on-site welding and the platform was installed with tubular steel handrails. Responsibilities included: ensuring that the development of the plans and technical specifications were in accordance with the New York City Construction Codes, New York State Building Standards and Codes, various ASTM standards, American Institute of Steel Construction (AISC) "Code of Standard Practice for Steel Buildings and Bridges", and Steel Structures Painting Council (SSPC) Publications.
- NYCDEP Private Storm and Sanitary Sewer System – Project/Staff Engineer for the design and development of a New York City Department of Environmental Protection (NYCDEP) Private Storm and Sanitary Sewer System located at a former petroleum terminal in Brooklyn, NY. The sewer system comprised of over 2,600 LF of sewer in Greenpoint Brooklyn over two phases of construction. During the duration of this project responsibilities included: develop/revise NYCDEP sewer design plans and construction notes, address NYCDEP comments and markups, develop Bill of Materials, develop cost estimates, develop technical specifications, develop bid package, ensure compliance with NYCDEP and NYCDOT specifications and requirements, develop/revise NYCDOT Builder's Pavement Plan (BPP), develop NYCDOT Maintenance and Protection of Traffic plans, conduct/participate in design construction meetings, review subcontractor submittals and cut sheets, address NYCDEP punch list items, management/oversight/coordination of subcontractor construction activities.
- NYCDOT Sidewalk Installation – Project/Staff Engineer for the design, development, and installation of over 4,000 linear feet of new sidewalks over various phases located at a former petroleum terminal in Brooklyn, NY. The design, development, and installation of these sidewalks were in accordance with the New York City Department of Buildings and New York City Department of Transportation specifications and details of construction. During the duration of these projects my major responsibilities included: develop/revise NYCDOT Builder's Pavement Plans, develop cost estimates, develop technical specifications, develop bid package, ensure compliance with NYCDOT and NYCDOT specifications and requirements, develop NYCDOT Maintenance and Protection of Traffic plans, conduct/participate in design construction meetings, ensure proper installation and testing of sidewalks in accordance with NYCDOT and NYCDOT, management/oversight/coordination of subcontractor construction activities.
- Sub Slab Depressurization System – Staff Engineer for the design and construction of two sub slab depressurization systems (SSDS) located within the footprint of a petroleum remediation site where a new building was proposed to be built. These projects were part of an Interim Remedial Measure (IRM) Action Plan as approved by the NYSDEC to provide a preventative proactive measure to address potential soil vapor issues. The SSDSs were designed to operate passively; however, header piping was installed to allow for the installation of the necessary equipment if an active system was required. The SSDSs consisted of 3/4-inch gravel with 4-inch diameter polyvinyl chloride (PVC) schedule 40 well screen used as soil gas collection piping and 6-inch diameter solid PVC used as the header piping. A vapor barrier/waterproofing membrane and nonwoven geotextile fabric were installed between the venting layer and the floor slab.

All penetrations through the floor slab were sealed using a silicone based waterproof sealant. The scope of work included, excavation and trench work for the SSDS; placement of pipe bedding; jointing and installation of the pipe fittings, valves and appurtenances; installation of pipe sleeves and mechanical seals; and installation of nonwoven geotextile fabric and silicone based waterproof sealant.

- Remediation System Signal Network Utility Expansion Oversight and Management – Staff Engineer and Field Manager for the completion of a signal communication network expansion as part of a petroleum remediation system. My responsibilities included oversight of a subcontractor while installing level sensors within the product pull boxes to improve the safety of the system operations by continuously monitoring the underground product piping network for potential leaks, and programming, testing and verification of operation of sensors. The scope of work also included the installation of signal and control wiring from recovery well houses to subsurface vaults through existing conduit located beneath New York City streets located in Greenpoint Brooklyn. The signal expansion was part of an effort to integrate the sensor/components within the vaults with the existing remediation system's programmable logic controllers (PLCs). The scope of work also included: development of programming to integrate input infrastructure to existing PLCs, development of human machine interface (HMI) screens to allow for remote viewing at the system control buildings, and installation of power supplies and other apparatuses as required for the operation of the new infrastructure. My responsibilities for this work included: subcontractor management, submittal and cut sheet review, scheduling management, 3rd party coordination, and construction meetings.
- New York City Transit Plan Submission – Staff Engineer for researching, preparing and submitting New York City Transit (NYCT) Plans for various sites to seek approval for drilling and other subsurface activities in proximity to NYC Subways. The scope of work included visiting the Microfilm Room at the NYCT Office to obtain copies of the as-built plans, roof plans, profiles, sections, and alignments adjacent to the properties that our clients were proposing to perform subsurface work. Using these plans, develop proposed boring location plans and cross section plans, overlaying the NYCT plans to determine the proposed distance to adjacent NYCT structures. Ensured that these plans had the most up to date NYCT construction notes since these drawing became part of the projects' contract drawings. Submitted the plans and fees to the NYCT and coordinated with the NYCT inspectors assigned to each project ensuring that all requirements and questions were satisfied. Procured the associated NYCT approvals and distributed to the client so that they may proceed.
- Stormwater Pollution Prevention Plan (SWPPP) Reports – Staff Engineer for preparing and submitting

Stormwater Pollution Prevention Plans (SWPPP) for various residential and commercial development sites in New York City and Long Island. The scope of work included preparation of SWPPP Reports in accordance with the most current New York State Department of Environmental Conservation (NYSDEC) regulations at the time including the 'General Permit for Stormwater Discharges from Construction Activity' and the 'New York State Stormwater Management Design Manual'. Preparation of the SWPPP Reports included: summarizing the site history and project description, soil geology, potential pollutants, erosion and sediment control practices, inspection and maintenance procedures, water quantity and water quality control plans, construction sequence scheduling, and the Notice of Intent (NOI) for each project as required by the NYSDEC.

- Former Petroleum Storage Wetland and Canal Remediation Site – Staff Engineer for daily construction oversight of subcontractors as a field manager and implementation of the site-specific health and safety plan as a Community Air Monitoring Program manager. The scope of work included conducting an on-site Community Air Monitoring Program monitoring for airborne dust and VOCs that were potentially generated by remedial and construction work activities. Stopping work and implementing best engineering/control practices if action levels were exceeded. Recording and providing QA/QC analysis of on-site weather and air monitoring data, as well as ensuring the proper operation of all instruments/monitors on a daily basis. Inspections were conducted of three on-site aboveground API concrete oil/water separators. Stormwater Pollution Prevention Plan (SWPPP) inspections were performed, ensuring compliance with NYSDEC State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity and daily reports were generated which would comprehensively document daily work activities and CAMP data and exceedances.

JUDY V. HARRY
P. O. Box 208
120 Cobble Creek Rd.
North Creek, NY 12853

Occupation: Data Validator/Environmental Technical Consultant

Years Experience: 41

Education: B.S., Chemistry, Magna cum laude, 1976, Phi Beta Kappa

Certifications: New York State Woman-Owned Business Enterprise (WBE)

Relevant Work History:

Data Validation Services: September 1989 - present

Sole proprietor of Data Validation Services, a woman-owned small business registered with SAM, providing consultation/validation services to regulatory and commercial clients.

These services include the review of analytical laboratory data for compliance with respect to specific protocols, accuracy and defensibility of data, verification of reported values, and evaluation of quality parameters for analytical usability of results. Approved by USEPA, NYSDEC, NJDEP, NYSEDA, and NYCDEP as a data validator for projects, including USEPA Superfund, Brownfield, and lead sites, and those contracted through the NYSDEC Division of Hazardous Waste Remediation, Division of Solid Waste, and Division of Water Quality.

Performed validation for compliance with laboratory analytical protocols including USEPA OLM, USEPA OLC, USEPA ILM, USEPA DFLM, USEPA SOW3/90, USEPA SOW 7/87 CLP, USEPA SOW 2/88 CLP, USEPA SW846, RCRA, AFCEE, NYS 6 NYCRR Part 360, 40 CFR, Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, including TO-15, 1989/1991/1995/2000/2005 NYSDEC ASPs, and 1987 NYSDEC CLP.

Performed validation according to the USEPA National and Regional SOPs and Functional Guidelines, AFCEE requirements, NYSDEC Validation Scope of Work, NYS DUSR, and NJDEP Division of Hazardous Site Mitigation/Publicly Funded Site Remediation SOPs.

Performed validation for USEPA Superfund Sites including Salem Acres, York Oil, Port Washington L-4 Landfill, Bridgeport Rental and Oil Services, GE-MRFA, MMR/ OTIS AFB, LCP, and Peter Cooper site; and for USEPA lead sites including SJ&J Piconne, Maska, Bowe System, Jones Sanitation, and Syossett Landfill, involving CLP, RAS, and SAS protocols.

Contracted for NYSDEC Superfund Standby Contracts with LMS Engineers, HDR, CDM Smith, Malcolm-Pirnie/ARCADIS, Ecology & Environment, Shaw Environmental, CG&I, O'Brien & Gere Engineers, and EC Jordan, involving samples collected at NYS Superfund Sites and analyzed under the NYSDEC ASP.

Performed validation services for NYSDEC Phase II remedial investigations, RI/FS projects, Brownfield sites, and PRP over-site projects for hazardous waste sites.

Performed validation services for clients conducting RI/FS activities involving samples of many matrices, including waste, air, sludges, leachates, solids/sediments, aqueous, and biota.

Clients have included AECOM, ARCADIS, Barton & Loguidice, Benchmark Engineering, Bergmann Associates, Blasland, Bouck & Lee, Brown and Caldwell, CDM Smith, CB&I Shaw Environmental, C&S Consulting Engineers, Chazen Companies, Clough Harbour & Associates, Columbia Analytical Services, C.T. Male, Dames & Moore, Day Engineering, EA Engineering, EcolSciences, Ecology & Environment, Ecosystems, EC Jordan, Environmental Chemical Corporation, EHRT, ENSR Consulting, ELM, ERM-Northeast, Fagan Engineers, Fanning Phillips & Molnar, FluorDaniel GTI, Frontier, Foster Wheeler Environmental Corp, Frontier Technical, Galson Consultants, GE&R, Geomatrix Consultants, GZA Environmental, Handex of N, H2M Group, HDR, HRP, IT Corp, Jacques Whitford, JTM Associates, Labella Associates, Langan Engineers, Leader Environmental, Lockwood, Kessler & Bartlett, LMS Engineers, Malcolm-Pirnie, Metcalf & Eddy, NWECC, O'Brien & Gere Engineers, Pace, Parsons Engineering-Science, Plumley Engineering, Prescott Environmental, P. W. Grosser, Rizzo Associates, Roux Associates, Sear Brown Group, SECOR, Shaw Environmental, Stantec, ThermoRemediation Inc., TRC Environmental, Turnkey Environmental Restoration, TVGA Engineering, URS Consultants, Wehran Emcon, Weston, YEC, and private firms.

Provided consultation services to laboratories regarding analytical procedures and protocol interpretation, and to law firms for litigation support.

Provided services to firms involving audits of environmental analytical laboratories to determine analytical capability, particularly for compliance with NYSDEC ASP and AFCEE requirements.

Guest speaker on a panel discussing Data Review/Compliance and Usability, for an analysis workshop for the New York Association of Approved Environmental Laboratories, 1993.

Adirondack Environmental Services: June 1987 - August 1989

Senior mass spectroscopist for AES. Responsible for GC/MS analyses of environmental samples by USEPA and NYSDEC protocols, development of the GC/MS laboratory, initiating the instrumental and computer operations from the point of installation, and for implementing the procedures and methodologies for Contract Laboratory Protocol.

CompuChem Laboratories: May 1982 - January 1987

Managed a GC/MS production laboratory; developed, implemented, and supervised QA/QC criteria at three different levels of review; and was responsible for the development and production of the analysis of environmental and clinical samples. Directed a staff of 23 technical and clerical personnel, and managed the extraction and GC/MS labs and data review operations.

Research Triangle Institute: December 1979 - May 1982

Worked as an analytical research chemist responsible for development of analytical methods for the EPA Federal Register at RTI. This involved analysis of biological and environmental samples for priority pollutants, primarily relating to wastewaters and to human sampling studies. Method development included modification and interfacing of the initially developed Tekmar volatile purge apparatus to GC/MS, development and refinement of methods for entrapment and concentration of the air medium for subsequent volatile analysis, and the analysis and resolution/identification of individual PCB congeners within Aroclor mixtures by capillary column and mass spectra.

Guardsman Chemical Company: February 1977 - November 1979

Performed all quality control functions for the manufacturing plant. Performed research and development on coatings and dyes.

Almay Cosmetics: May 1976 - December 1976

Product evaluation chemist. Responsible for analytical QC of manufactured products.

Publication

Pellizzari, E.D., Moseley, M.A., Cooper, S.D., Harry, J.V., Demian, B., & Mullin, M. D. (1985). Recent Advances in the Analysis of Polychlorinated Biphenyls in Environmental and Biological Media. *Journal of Chromatography*, 334(3) 277-314.

Quality Assurance Project Plan
Sendero Verde Redevelopment Project – Parcel B

ATTACHMENT 2

Standard Operating Procedures, Laboratory Detection Limits for Emerging
Contaminants and NYSDEC Guidance for Sampling Emerging
Contaminants



EPA 537 (PFAS) Field Sampling Guidelines

PLEASE READ INSTRUCTIONS ENTIRELY PRIOR TO SAMPLING EVENT

Sampling for PFAS via EPA 537 can be challenging due to the prevalence of these compounds in consumer products. The following guidelines are strongly recommended when conducting sampling.

Reference-NHDES <https://www.des.nh.gov/organization/divisions/waste/hwrb/documents/pfc-stakeholder-notification-20161122.pdf>

FIELD CLOTHING and PPE

- No clothing or boots containing Gore-Tex®
- All safety boots made from polyurethane and PVC
- No materials containing Tyvek®
- Do not use fabric softener on clothing to be worn in field
- Do not use cosmetics, moisturizers, hand cream, or other related products the morning of sampling
- Do not use unauthorized sunscreen or insect repellent (see reference above for acceptable products)

FOOD CONSIDERATIONS

No food or drink on-site with exception of bottled water and/or hydration drinks (i.e., Gatorade and Powerade) that is available for consumption only in the staging area

OTHER RECOMMENDATIONS

Sample for PFAS first! Other containers for other methods may have PFAS present on their sampling containers

SAMPLE CONTAINERS

- All sample containers made of HDPE or polypropylene
- Caps are unlined and made of HDPE or polypropylene (no Teflon®-lined caps)

WET WEATHER (AS APPLICABLE)

Wet weather gear made of polyurethane and PVC only

EQUIPMENT DECONTAMINATION

- "PFAS-free" water on-site for decontamination of sample equipment. No other water sources to be used
- Only Alconox and Liquinox can be used as decontamination materials

FIELD EQUIPMENT

- Must not contain Teflon® (aka PTFE) or LDPE materials
- All sampling materials must be made from stainless steel, HDPE, acetate, silicon, or polypropylene
- No waterproof field books can be used
- No plastic clipboards, binders, or spiral hard cover notebooks can be used
- No adhesives (i.e. Post-It® Notes) can be used
- Sharpies and permanent markers not allowed; regular ball point pens are acceptable
- Aluminum foil must not be used
- Keep PFC samples in separate cooler, away from sampling containers that may contain PFAS
- Coolers filled with regular ice only - Do not use chemical (blue) ice packs





EPA 537 (PFAS) Field Sampling Guidelines

PLEASE READ INSTRUCTIONS ENTIRELY PRIOR TO SAMPLING EVENT

Sampler must wash hands before wearing nitrile gloves in order to limit contamination during sampling. Each sample set requires a set of containers to comply with the method as indicated below. **Sample set is composed of samples collected from the same sample site and at the same time.*

Container Count	Container Type	Preservative
3 Sampling Containers - Empty	250 mL container	Pre preserved with 1.25 g Trizma
1 Reagent Water for Field Blank use	250 mL container	Pre preserved with 1.25 g Trizma
P1 Field Blank (FRB) - Empty	250 mL container	Unpreserved

Sampling container must be filled to the neck. For instructional purposes a black line has been drawn to illustrate the required fill level for each of the 3 Sample containers

Field blanks are recommended and the containers have been provided, please follow the instructions below.

Field Blank Instructions:

1. Locate the Reagent Water container from the bottle order. The Reagent Water container will be pre-filled with PFAS-free water and is preserved with Trizma.
2. Locate the empty container labeled "Field Blank".
3. Open both containers and proceed to transfer contents of the "Reagent Water" container into the "Field Blank" container.
4. If field blanks are to be analyzed, they need to be noted on COC, and will be billed accordingly as a sample.



Both the empty Reagent Water container and the filled Field Blank container must be returned to the lab along with the samples taken.

Sampling Instructions:

1. Each sampling event requires 3 containers to be filled to the neck of the provided containers for each sampling location.
2. Before sampling, remove faucet aerator, run water for 5 min, slow water to flow of pencil to avoid splashing and fill sample containers to neck of container (as previously illustrated) and invert 5 times.
3. Do not overfill or rinse the container.
4. Close containers securely. Place containers in sealed ZipLoc® bags, and in a separate cooler (no other container types).
5. Ensure Chain-of-Custody and all labels on containers contain required information. Place sample, Field Blank and empty Reagent Blank containers in ice filled cooler (do not use blue ice) and return to the laboratory. Samples should be kept at 4°C ±2. Samples must not exceed 10°C during first 48 hours after collection. Hold time is 14 days.

Please contact your Alpha Analytical project manager with additional questions or concerns.

Groundwater Sampling for Emerging Contaminants

July 2018

Issue: NYSDEC has committed to analyzing representative groundwater samples at remediation sites for emerging contaminants (1,4-dioxane and PFAS) as described in the below guidance.

Implementation

NYSDEC project managers will be contacting site owners to schedule sampling for these chemicals. Only groundwater sampling is required. The number of samples required will be similar to the number of samples where “full TAL/TCL sampling” would typically be required in a remedial investigation. If sampling is not feasible (e.g., the site no longer has any monitoring wells in place), sampling may be waived on a site-specific basis after first considering potential sources of these chemicals and whether there are water supplies nearby.

Upon a new site being brought into any program (i.e., SSF, BCP), PFAS and 1,4-dioxane will be incorporated into the investigation of groundwater as part of the standard “full TAL/TCL” sampling. Until an SCO is established for PFAS, soil samples do not need to be analyzed for PFAS unless groundwater contamination is detected. Separate guidance will be developed to address sites where emerging contaminants are found in the groundwater. The analysis currently performed for SVOCs in soil is adequate for evaluation of 1,4-dioxane, which already has an established SCO.

Analysis and Reporting

Labs should provide a full category B deliverable, and a DUSR should be prepared by an independent 3rd party data validator. QA/QC samples should be collected as required in DER-10, Section 2.3(c). The electronic data submission should meet the requirements provided at: <https://www.dec.ny.gov/chemical/62440.html> ,

The work plan should explicitly describe analysis and reporting requirements.

PFAS sample analysis: Currently, ELAP does not offer certification for PFAS compounds in matrices other than finished drinking water. However, laboratories analyzing environmental samples (ex. soil, sediments, and groundwater) are required, by DER, to hold ELAP certification for PFOA and PFOS in drinking water by EPA Method 537 or ISO 25101.

Modified EPA Method 537 is the preferred method to use for groundwater samples due to the ability to achieve 2 ng/L (ppt) reporting limits. If contract labs or work plans submitted by responsible parties indicate that they are not able to achieve similar reporting limits, the project manager should discuss this with a DER chemist. Note: Reporting limits for PFOA and PFOS should not exceed 2 ng/L.

PFAS sample reporting: DER has developed a PFAS target analyte list (below) with the intent of achieving reporting consistency between labs for commonly reportable analytes. It is expected that reported results for PFAS will include, at a minimum, all the compounds listed. This list may be updated in the future as new information is learned and as labs develop new capabilities. If lab and/or matrix specific issues are encountered for any particular compounds, the NYSDEC project manager will make case-by-case decisions as to whether particular analytes may be temporarily or permanently discontinued from analysis for each site. Any technical lab issues should be brought to the attention of a NYSDEC chemist.

Some sampling using this full PFAS target analyte list is needed to understand the nature of contamination. It may also be critical to differentiate PFAS compounds associated with a site from other sources of these chemicals. Like routine refinements to parameter lists based on investigative findings, the full PFAS target analyte list may not be needed for all sampling intended to define the extent of contamination. Project managers may approve a shorter analyte list (e.g., just the UCMR3 list) for some reporting on a case by case basis.

1,4-Dioxane Analysis and Reporting: The method detection limit (MDL) for 1,4-dioxane should be no higher than 0.35 µg/l (ppb). Although ELAP offers certification for both EPA Method 8260 SIM and EPA Method 8270 SIM, DER is advising the use of method 8270 SIM. EPA Method 8270 SIM provides a more robust extraction procedure, uses a larger sample volume, and is less vulnerable to interference from chlorinated solvents.

Full PFAS Target Analyte List

Group	Chemical Name	Abbreviation	CAS Number
Perfluoroalkyl sulfonates	Perfluorobutanesulfonic acid	PFBS	375-73-5
	Perfluorohexanesulfonic acid	PFHxS	355-46-4
	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorooctanessulfonic acid	PFOS	1763-23-1
	Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluoroalkyl carboxylates	Perfluorobutanoic acid	PFBA	375-22-4
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluoroheptanoic acid	PFHpA	375-85-9
	Perfluorooctanoic acid	PFOA	335-67-1
	Perfluorononanoic acid	PFNA	375-95-1
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluoroundecanoic acid	PFUA/PFUdA	2058-94-8
	Perfluorododecanoic acid	PFDoA	307-55-1
	Perfluorotridecanoic acid	PFTriA/PFTrDA	72629-94-8
	Perfluorotetradecanoic acid	PFTA/PFTeDA	376-06-7
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate	6:2 FTS	27619-97-2
	8:2 Fluorotelomer sulfonate	8:2 FTS	39108-34-4
Perfluorooctane-sulfonamides	Perfluorooctanesulfonamide	FOSA	754-91-6
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid	N-MeFOSAA	2355-31-9
	N-ethyl perfluorooctanesulfonamidoacetic acid	N-EtFOSAA	2991-50-6

Bold entries depict the 6 original UCMR3 chemicals

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (LC/MS/MS)

Reference: EPA Method 537, Version 1.1, September 2009, EPA Document #: EPA/600/R-08/09

EPA Method 537.1, Version 1, November 2018, EPA Document #: EPA/600/R-18/352

Department of Defense, Quality Systems Manual for Environmental Laboratories, Version 5.2, .2019

1. Scope and Application

Matrices: Drinking water, Non-potable Water, and Soil Matrices

Definitions: Refer to Alpha Analytical Quality Manual.

- 1.1** This is a liquid chromatography/tandem mass spectrometry (LC/MS/MS) method for the determination of selected perfluorinated alkyl substances (PFAS) in Non-Drinking Water and soil Matrices. Accuracy and precision data have been generated in reagent water, and finished ground and surface waters for the compounds listed in Table 1.
- 1.2** The data report packages present the documentation of any method modification related to the samples tested. Depending upon the nature of the modification and the extent of intended use, the laboratory may be required to demonstrate that the modifications will produce equivalent results for the matrix. Approval of all method modifications is by one or more of the following laboratory personnel before performing the modification: Area Supervisor, Department Supervisor, Laboratory Director, or Quality Assurance Officer.
- 1.3** This method is restricted to use by or under the supervision of analysts experienced in the operation of the LC/MS/MS and in the interpretation of LC/MS/MS data. Each analyst must demonstrate the ability to generate acceptable results with this method by performing an initial demonstration of capability.

2. Summary of Method

- 2.1** A 250-mL water sample is fortified with extracted internal standards (EIS) and passed through a solid phase extraction (WAX) cartridge containing a mixed mode, Weak Anion Exchange, reversed phase, water-wettable polymer to extract the method analytes and isotopically-labeled compounds. The compounds are eluted from the solid phase in two fractions with methanol followed by a small amount of 2% ammonium hydroxide in methanol solution. The extract is concentrated with nitrogen in a heated water bath, and then adjusted to a 1-mL volume with 80:20% (vol/vol) methanol:water. A 3 µL injection is made into an LC equipped with a C18 column that is interfaced to an MS/MS. The analytes are separated and identified by comparing the acquired mass spectra and retention times to reference spectra and retention times for calibration standards acquired under identical LC/MS/MS conditions. The concentration of each analyte is determined by using the isotope dilution technique. Extracted Internal Standards (EIS) analytes are used to monitor the extraction efficiency of the method analytes.

2.2 Method Modifications from Reference

None.

Table 1

Parameter	Acronym	CAS
PERFLUOROALKYL ETHER CARBOXYLIC ACIDS (PFECAs)		
Tetrafluoro-2-(heptafluoropropoxy)propanoic acid	HFPO-DA	62037-80-3
4,8-dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4
PERFLUOROALKYLCARBOXILIC ACIDS (PFCAs)		
Perfluorobutanoic acid	PFBA	375-22-4
Perfluoropentanoic acid	PFPeA	2706-90-3
Perfluorohexanoic acid	PFHxA *	307-24-4
Perfluoroheptanoic acid	PFHpA *	375-85-9
Perfluorooctanoic acid	PFOA *	335-67-1
Perfluorononanoic acid	PFNA *	375-95-1
Perfluorodecanoic acid	PFDA *	335-76-2
Perfluoroundecanoic acid	PFUnA *	2058-94-8
Perfluorododecanoic acid	PFDaA *	307-55-1
Perfluorotridecanoic acid	PFTTrDA *	72629-94-8
Perfluorotetradecanoic acid	PFTA *	376-06-7
Perfluorohexadecanoic acid	PFHxDA	67905-19-5
Perfluorooctadecanoic acid	PFODA	16517-11-6
PERFLUOROALKYLSULFONATES (PFASs)		
Perfluorobutanesulfonic acid	PFBS *	375-73-5
Perfluoropentanesulfonic acid	PFPeS	2706-91-4
Perfluorohexanesulfonic acid	PFHxS *	355-46-4
Perfluoroheptanesulfonic acid	PFHpS	375-92-8
Perfluorooctanesulfonic acid	PFOS *	1763-23-1
Perfluorononanesulfonic acid	PFNS	68259-12-1
Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluorododecanesulfonic acid	PFDoS	79780-39-5

* also reportable via the standard 537 method

Table 1 Cont.

Parameter	Acronym	CAS
CHLORO-PERFLUOROALKYLSULFONATE		
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	763051-92-9
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid	9Cl-PF3ONS	756426-58-1
PERFLUOROOCTANESULFONAMIDES (FOSAs)		
Perfluorooctanesulfonamide	PFOSA	754-91-6
N-methylperfluoro-1-octanesulfonamide	NMeFOSA	31506-32-8
N-ethylperfluoro-1-octanesulfonamide	NEtFOSA	4151-50-2
TELOMER SULFONATES		
1H,1H,2H,2H-perfluorohexane sulfonate (4:2)	4:2FTS	27619-93-8
1H,1H,2H,2H-perfluorooctane sulfonate (6:2)	6:2FTS	27619-97-2
1H,1H,2H,2H-perfluorodecane sulfonate (8:2)	8:2FTS	39108-34-4
1H,1H,2H,2H-perfluorododecane sulfonate (10:2)	10:2FTS	120226-60-0
PERFLUOROOCTANESULFONAMIDOACETIC ACIDS		
N-methyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA *	2355-31-9
N-ethyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA *	2991-50-6
NATIVE PERFLUOROOCTANESULFONAMIDOETHANOLS (FOSEs)		
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	NMeFOSE	24448-09-7
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	NEtFOSE	1691-99-2

* also reportable via the standard 537 method

3. Reporting Limits

The reporting limit for PFAS's is 2 ng/L for aqueous samples (20 ng/L for HFPO-DA) and 1 ng/g (10 ng/g for HFPO-DA) for soil samples.

4. Interferences

- 4.1 PFAS standards, extracts and samples should not come in contact with any glass containers or pipettes as these analytes can potentially adsorb to glass surfaces. PFAS analyte and EIS standards commercially purchased in glass ampoules are acceptable; however, all subsequent transfers or dilutions performed by the analyst must be prepared and stored in polypropylene containers.
- 4.2 Method interferences may be caused by contaminants in solvents, reagents (including reagent water), sample bottles and caps, and other sample processing hardware that lead to discrete artifacts and/or elevated baselines in the chromatograms. The method analytes in this method can also be found in many common laboratory supplies and equipment, such

as PTFE (polytetrafluoroethylene) products, LC solvent lines, methanol, aluminum foil, SPE sample transfer lines, etc. All items such as these must be routinely demonstrated to be free from interferences (less than 1/3 the RL for each method analyte) under the conditions of the analysis by analyzing laboratory reagent blanks as described in Section 9.2. **Subtracting blank values from sample results is not permitted.**

- 4.3** Matrix interferences may be caused by contaminants that are co-extracted from the sample. The extent of matrix interferences will vary considerably from source to source, depending upon the nature of the water. Humic and/or fulvic material can be co-extracted during SPE and high levels can cause enhancement and/or suppression in the electrospray ionization source or low recoveries on the SPE sorbent. Total organic carbon (TOC) is a good indicator of humic content of the sample.
- 4.4** SPE cartridges can be a source of interferences. The analysis of field and laboratory reagent blanks can provide important information regarding the presence or absence of such interferences. Brands and lots of SPE devices should be tested to ensure that contamination does not preclude analyte identification and quantitation.

5. Health and Safety

- 5.1** The toxicity or carcinogenicity of each reagent and standard used in this method is not fully established; however, each chemical compound should be treated as a potential health hazard. From this viewpoint, exposure to these chemicals must be reduced to the lowest possible level by whatever means available. A reference file of material safety data sheets is available to all personnel involved in the chemical analysis. Additional references to laboratory safety are available in the Chemical Hygiene Plan.
- 5.2** All personnel handling environmental samples known to contain or to have been in contact with municipal waste must follow safety practices for handling known disease causative agents.
- 5.3** PFOA has been described as "likely to be carcinogenic to humans." Pure standard materials and stock standard solutions of these method analytes should be handled with suitable protection to skin and eyes, and care should be taken not to breathe the vapors or ingest the materials.

6. Sample Collection, Preservation, Shipping and Handling

6.1 Sample Collection for Aqueous Samples

- 6.1.1** Samples must be collected in two (2) 250-mL high density polyethylene (HDPE) container with an unlined plastic screw cap.
- 6.1.2** The sample handler must wash their hands before sampling and wear nitrile gloves while filling and sealing the sample bottles. PFAS contamination during sampling can occur from a number of common sources, such as food packaging and certain foods and beverages. Proper hand washing and wearing nitrile gloves will aid in minimizing this type of accidental contamination of the samples.
- 6.1.3** Open the tap and allow the system to flush until the water temperature has stabilized (approximately 3 to 5 min). Collect samples from the flowing system.

6.1.4 Fill sample bottles. Samples do not need to be collected headspace free.

6.1.5 After collecting the sample and cap the bottle. Keep the sample sealed from time of collection until extraction.

6.1.6 Field Reagent Blank (FRB)

6.1.6.1 A FRB must be handled along with each sample set. The sample set is composed of samples collected from the same sample site and at the same time. At the laboratory, fill the field blank sample bottle with reagent water and preservatives, seal, and ship to the sampling site along with the sample bottles. For each FRB shipped, an empty sample bottle (no preservatives) must also be shipped. At the sampling site, the sampler must open the shipped FRB and pour the reagent water into the empty shipped sample bottle, seal and label this bottle as the FRB. The FRB is shipped back to the laboratory along with the samples and analyzed to ensure that PFAS's were not introduced into the sample during sample collection/handling.

The reagent water used for the FRBs must be initially analyzed for method analytes as a MB and must meet the MB criteria in Section 9.2.1 prior to use. This requirement will ensure samples are not being discarded due to contaminated reagent water rather than contamination during sampling.

6.2 Sample Collection for Soil and Sediment samples.

Grab samples are collected in polypropylene containers. Sample containers and contact surfaces containing PTFE shall be avoided.

6.3 Sample Preservation

Not applicable.

6.4 Sample Shipping

Samples must be chilled during shipment and must not exceed 10 °C during the first 48 hours after collection. Sample temperature must be confirmed to be at or below 10 °C when the samples are received at the laboratory. Samples stored in the lab must be held at or below 6 °C until extraction, but should not be frozen.

NOTE: Samples that are significantly above 10° C, at the time of collection, may need to be iced or refrigerated for a period of time, in order to chill them prior to shipping. This will allow them to be shipped with sufficient ice to meet the above requirements.

6.5 Sample Handling

6.5.1 Holding Times

6.5.1.1 Water samples should be extracted as soon as possible but must be extracted within 14 days. Soil samples should be extracted within 28 days. Extracts are stored at < 10 ° C and analyzed within 28 days after extraction.

7. Equipment and Supplies

- 7.1** SAMPLE CONTAINERS – 250-mL high density polyethylene (HDPE) bottles fitted with unlined screw caps. Sample bottles must be discarded after use.
- 7.2** POLYPROPYLENE BOTTLES – 4-mL narrow-mouth polypropylene bottles.
- 7.3** CENTRIFUGE TUBES – 50-mL conical polypropylene tubes with polypropylene screw caps for storing standard solutions and for collection of the extracts.
- 7.4** AUTOSAMPLER VIALS – Polypropylene 0.7-mL autosampler vials with polypropylene caps.
- 7.4.1** NOTE: Polypropylene vials and caps are necessary to prevent contamination of the sample from PTFE coated septa. However, polypropylene caps do not reseal, so evaporation occurs after injection. Thus, multiple injections from the same vial are not possible.
- 7.5** POLYPROPYLENE GRADUATED CYLINDERS – Suggested sizes include 25, 50, 100 and 1000-mL cylinders.
- 7.6** Auto Pipets – Suggested sizes include 5, 10, 25, 50, 100, 250, 500, 1000, 5000 and 10,000- μ ls.
- 7.7** PLASTIC PIPETS – Polypropylene or polyethylene disposable pipets.
- 7.8** ANALYTICAL BALANCE – Capable of weighing to the nearest 0.0001 g.
- 7.9** SOLID PHASE EXTRACTION (SPE) APPARATUS FOR USING CARTRIDGES
- 7.9.1** SPE CARTRIDGES – 0.5 g SPE cartridges containing a reverse phase copolymer characterized by a weak anion exchanger (WAX) sorbent phase.
- 7.9.2** VACUUM EXTRACTION MANIFOLD – A manual vacuum manifold with large volume sampler for cartridge extractions, or an automatic/robotic sample preparation system designed for use with SPE cartridges, may be used if all QC requirements discussed in Section 9 are met. Extraction and/or elution steps may not be changed or omitted to accommodate the use of an automated system. Care must be taken with automated SPE systems to ensure the PTFE commonly used in these systems does not contribute to unacceptable analyte concentrations in the MB (Sect. 9.2.1).
- 7.9.3** SAMPLE DELIVERY SYSTEM – Use of a polypropylene transfer tube system, which transfers the sample directly from the sample container to the SPE cartridge, is recommended, but not mandatory. Standard extraction manifolds come equipped with PTFE transfer tube systems. These can be replaced with 1/8" O.D. x 1/16" I.D. polypropylene or polyethylene tubing cut to an appropriate length to ensure no sample contamination from the sample transfer lines. Other types of non-PTFE tubing may be used provided it meets the MB (Sect. 9.2.1) and LCS (Sect. 9.3) QC requirements. The PTFE transfer tubes may be used, but an MB must be run on each PTFE transfer tube and the QC requirements in Section 13.2.2 must be met. In the case of automated SPE, the removal of PTFE lines may not be feasible; therefore, MBs will need to be rotated among the ports and must meet the QC requirements of Sections 13.2.2 and 9.2.1.
- 7.10** Extract Clean-up Cartridge – 250 mg 6ml SPE Cartridge containing graphitized polymer carbon

7.11 EXTRACT CONCENTRATION SYSTEM – Extracts are concentrated by evaporation with nitrogen using a water bath set no higher than 65 °C.

7.12 LABORATORY OR ASPIRATOR VACUUM SYSTEM – Sufficient capacity to maintain a vacuum of approximately 10 to 15 inches of mercury for extraction cartridges.

7.13 LIQUID CHROMATOGRAPHY (LC)/TANDEM MASS SPECTROMETER (MS/MS) WITH DATA SYSTEM

7.13.1 LC SYSTEM – Instrument capable of reproducibly injecting up to 10-µL aliquots, and performing binary linear gradients at a constant flow rate near the flow rate used for development of this method (0.4 mL/min). The LC must be capable of pumping the water/methanol mobile phase without the use of a degasser which pulls vacuum on the mobile phase bottle (other types of degassers are acceptable). Degassers which pull vacuum on the mobile phase bottle will volatilize the ammonium acetate mobile phase causing the analyte peaks to shift to earlier retention times over the course of the analysis batch. The usage of a column heater is optional.

NOTE: During the course of method development, it was discovered that while idle for more than one day, PFAS's built up in the PTFE solvent transfer lines. To prevent long delays in purging high levels of PFAS's from the LC solvent lines, they were replaced with PEEK tubing and the PTFE solvent frits were replaced with stainless steel frits. It is not possible to remove all PFAS background contamination, but these measures help to minimize their background levels.

7.13.2 LC/TANDEM MASS SPECTROMETER – The LC/MS/MS must be capable of negative ion electrospray ionization (ESI) near the suggested LC flow rate of 0.4 mL/min. The system must be capable of performing MS/MS to produce unique product ions for the method analytes within specified retention time segments. A minimum of 10 scans across the chromatographic peak is required to ensure adequate precision.

7.13.3 DATA SYSTEM – An interfaced data system is required to acquire, store, reduce, and output mass spectral data. The computer software should have the capability of processing stored LC/MS/MS data by recognizing an LC peak within any given retention time window. The software must allow integration of the ion abundance of any specific ion within specified time or scan number limits. The software must be able to calculate relative response factors, construct linear regressions or quadratic calibration curves, and calculate analyte concentrations.

7.13.4 ANALYTICAL COLUMN – An LC BEH C₁₈ column (2.1 x 50 mm) packed with 1.7 µm d_p C₁₈ solid phase particles was used. Any column that provides adequate resolution, peak shape, capacity, accuracy, and precision (Sect. 9) may be used.

8. Reagents and Standards

8.1 GASES, REAGENTS, AND SOLVENTS – Reagent grade or better chemicals should be used.

8.1.1 REAGENT WATER – Purified water which does not contain any measurable quantities of any method analytes or interfering compounds greater than 1/3 the RL for each method analyte of interest. Prior to daily use, at least 3 L of reagent water should be flushed from the purification system to rinse out any build-up of analytes in the system's tubing.

- 8.1.2 METHANOL (CH_3OH , CAS#: 67-56-1) – High purity, demonstrated to be free of analytes and interferences.
 - 8.1.3 AMMONIUM ACETATE ($\text{NH}_4\text{C}_2\text{H}_3\text{O}_2$, CAS#: 631-61-8) – High purity, demonstrated to be free of analytes and interferences.
 - 8.1.4 ACETIC ACID (H_3CCOOH , CAS#: 64-19-7) - High purity, demonstrated to be free of analytes and interferences.
 - 8.1.5 1M AMMONIUM ACETATE/REAGENT WATER – High purity, demonstrated to be free of analytes and interferences.
 - 8.1.6 2mM AMMONIUM ACETATE/METHANOL:WATER (5:95) – To prepare, mix 2 ml of 1M AMMONIUM ACETATE, 1 ml ACETIC ACID and 50 ml METHANOL into 1 Liter of REAGENT WATER.
 - 8.1.7 Methanol/Water (80:20) – To prepare a 1 Liter bottle, mix 200 ml of REAGENT WATER with 800 ml of METHANOL.
 - 8.1.8 AMMONIUM HYDROXIDE (NH_3 , CAS#: 1336-21-6) – High purity, demonstrated to be free of analytes and interferences.
 - 8.1.9 Sodium Acetate (NaOOCCH_3 , CAS#: 127-09-3) – High purity, demonstrated to be free of analytes and interferences.
 - 8.1.10 25 mM Sodium Acetate Buffer – To prepare 250mls, dissolve .625 grams of sodium acetate into 100 mls of reagent water. Add 4 mls Acetic Acid and adjust the final volume to 250 mls with reagent water.
 - 8.1.11 NITROGEN – Used for the following purposes: Nitrogen aids in aerosol generation of the ESI liquid spray and is used as collision gas in some MS/MS instruments. The nitrogen used should meet or exceed instrument manufacturer's specifications. In addition, Nitrogen is used to concentrate sample extracts (Ultra High Purity or equivalent).
 - 8.1.12 ARGON – Used as collision gas in MS/MS instruments. Argon should meet or exceed instrument manufacturer's specifications. Nitrogen gas may be used as the collision gas provided sufficient sensitivity (product ion formation) is achieved.
- 8.2 STANDARD SOLUTIONS – When a compound purity is assayed to be 96% or greater, the weight can be used without correction to calculate the concentration of the stock standard. PFAS analyte and IS standards commercially purchased in glass ampoules are acceptable; however, all subsequent transfers or dilutions performed by the analyst must be prepared and stored in polypropylene containers. Standards for sample fortification generally should be prepared in the smallest volume that can be accurately measured to minimize the addition of excess organic solvent to aqueous samples.

NOTE: Stock standards and diluted stock standards are stored at $\leq 4^\circ\text{C}$.

8.2.1 ISOTOPE DILUTION Extracted Internal Standard (ID EIS) STOCK SOLUTIONS
 - ID EIS stock standard solutions are stable for at least 6 months when stored at 4 °C. The stock solution is purchased at a concentration of 1000 ng/mL.

8.2.2 ISOTOPE DILUTION Extracted Internal Standard PRIMARY DILUTION STANDARD (ID EIS PDS) – Prepare the ID EIS PDS at a concentration of 500 ng/mL. The ID PDS is prepared in 80:20% (vol/vol) methanol:water. The ID PDS is stable for 6 months when stored at ≤4 °C.

Table 2

Isotope Labeled Standard	Conc. of EIS Stock (ng/mL)	Vol. of EIS Stock (mL)	Final Vol. of EIS PDS (mL)	Final Conc. of EIS PDS (ng/mL)
M4PFBA	1000	1.0	2.0	500
M5PFPeA	1000	1.0	2.0	500
M5PFHxA	1000	1.0	2.0	500
M4PFHpA	1000	1.0	2.0	500
M8PFOA	1000	1.0	2.0	500
M9PFNA	1000	1.0	2.0	500
M6PFDA	1000	1.0	2.0	500
M7PFUdA	1000	1.0	2.0	500
MPFDoA	1000	1.0	2.0	500
M2PFTeDA	1000	1.0	2.0	500
M2PFHxDA	50,000	.02	2.0	500
d3-N-MeFOSA	50,000	.02	2.0	500
d5-N-EtFOSA	50,000	.02	2.0	500
d7-N-MeFOSE	50,000	.02	2.0	500
d9-N-EtFOSE	50,000	.02	2.0	500
M8FOSA	1000	1.0	2.0	500
d3-N-MeFOSAA	1000	1.0	2.0	500
d5-N-EtFOSAA	1000	1.0	2.0	500
M3PFBS	929	1.0	2.0	464.5
M3PFHxS	946	1.0	2.0	473
M8PFOS	957	1.0	2.0	478.5
M2-4:2FTS	935	1.0	2.0	467.5
M2-6:2FTS	949	1.0	2.0	474.5
M2-8:2FTS	958	1.0	2.0	479
M3HFPO-DA	50,000	.4	2.0	10,000

8.2.3 ANALYTE STOCK STANDARD SOLUTION – Analyte stock standards are stable for at least 6 months when stored at 4 °C. When using these stock standards to prepare a PDS, care must be taken to ensure that these standards are at room temperature and adequately vortexed.

8.2.4 Analyte Secondary Spiking Standard Prepare the spiking solution of additional add on components for project specific requirements only. ANALYTE PRIMARY SPIKING STANDARD – Prepare the spiking standard at a concentration of 500 ng/mL in methanol. The spiking standard is stable for at least two months when stored in polypropylene centrifuge tubes at room temperature.

Table 3

Analyte	Conc. of IS Stock (ng/mL)	Vol. of IS Stock (mL)	Final Vol. of IS PDS (mL)	Final Conc. of IS PDS (ng/mL)
PFBA	2000	1	4	500
PFPeA	2000	1	4	500
PFHxA	2000	1	4	500
PFHpA	2000	1	4	500
PFOA	2000	1	4	500
PFNA	2000	1	4	500
PFDA	2000	1	4	500
PFUdA	2000	1	4	500
PFDoA	2000	1	4	500
PFTTrDA	2000	1	4	500
PFTeDA	2000	1	4	500
FOSA	2000	1	4	500
N-MeFOSAA	2000	1	4	500
N-EtFOSAA	2000	1	4	500
L-PFBS	1770	1	4	442.5
L-PFPeS	1880	1	4	470
L-PFHxSK	1480	1	4	370
Br-PFHxSK	344	1	4	86
L-PFHpS	1900	1	4	475
L-PFOSK	1460	1	4	365
Br-PFOSK	391	1	4	97.75
L-PFNS	1920	1	4	480
L-PFDS	1930	1	4	482.5
4:2FTS	1870	1	4	467.5
6:2FTS	1900	1	4	475
8:2FTS	1920	1	4	480

8.2.5 Analyte Secondary Spiking Standard Prepare the spiking solution of additional add on components for project specific requirements only.

Table 4

Analyte	Conc. of IS Stock (ng/mL)	Vol. of IS Stock (mL)	Final Vol. of IS PDS (mL)	Final Conc. of IS PDS (ng/mL)
ADONA	2000	1	4	500
PFHxDA	2000	1	4	500
PFODA	2000	1	4	500
HFPO-DA	100,000	.4	4	10,000
9CIPF3ONS	50,000	0.04	4	500
11CIPF3OUdS	50,000	0.04	4	500

- 8.2.6** LOW, MEDIUM AND HIGH LEVEL LCS – The LCS's will be prepared at the following concentrations and rotated per batch; 2 ng/L, 40 ng/L, 500 ng/L for drinking waters. The analyte PDS contains all the method analytes of interest at various concentrations in methanol. The analyte PDS has been shown to be stable for six months when stored at ≤ 4 °C.
- 8.2.7** Isotope Dilution Labeled Recovery Stock Solutions (ID REC) – ID REC Stock solutions are stable for at least 6 months when stored at 4 °C. The stock solution is purchased at a concentration of 1000 ng/mL.
- 8.2.8** Isotope Dilution Labeled Recovery Primary Dilution Standard (ID REC PDS) - Prepare the ID REC PDS at a concentration of 500 ng/mL. The ID REC PDS is prepared in 80:20% (vol/vol) methanol:water. The ID REC PDS is stable for at least six months when stored in polypropylene centrifuge tubes at ≤ 4 °C.

Table 5

Analyte	Conc. of REC Stock (ng/mL)	Vol. of REC Stock (mL)	Final Vol. of REC PDS (mL)	Final Conc. of REC PDS (ng/mL)
M2PFOA	2000	1	4	500
M2PFDA	2000	1	4	500
M3PFBA	2000	1	4	500
M4PFOS	2000	1	4	500

8.2.9 CALIBRATION STANDARDS (CAL) –

Current Concentrations (ng/mL): 0.5, 1.0, 5.0, 10.0, 50.0, 125, 150, 250, 500

Prepare the CAL standards over the concentration range of interest from dilutions of the analyte PDS in methanol containing 20% reagent water. 20 μ l of the EIS PDS and REC PDS are added to the CAL standards to give a constant concentration of 10 ng/ml. The lowest concentration CAL standard must be at or below the RL (2 ng/L), which may depend on system sensitivity. The CAL standards may also be used as CCVs (Sect. 9.8). To make calibration stock standards:

Table 6

Calibration Standard Concentration	Final Aqueous Cal STD Level Concentration	Final Soil Cal STD Level Concentration	24 compound stock added (ul)	PFHxDA Stock added (ul)	500 ng/ml PFHxDA dilution added (ul)	PFODA Stock added (ul)	500 ng/ml PFODA dilution added (ul)	ADONA, HFPO-DA, 11Cl-PF3OUdS, 9Cl-PF3ONS Stock added (ul)	500 ng/ml ADONA dilution added (ul)	Final Volume in MeOH/H ₂ O (82:20)
.5 ng/ml	2 ng/L	.25 ng/g	6.25		25		25		25	25 mls
1 ng/ml	4 ng/L	.5 ng/g	5		20		20		20	10 mls
5 ng/ml	20 ng/L	1 ng/g	25		100		100		100	10 mls
10 ng/ml	40 ng/L	5 ng/g	125	5		5		5		25 mls

50 ng/ml	200 ng/L	25 ng/g	250	10		10		10		10 mls
125 ng/ml	500 ng/L	62.5 ng/g	625	25		25		25		10 mls
150 ng/ml	600 ng/L	75 ng/g	750	30		30		30		10 mls
250 ng/ml	1000 ng/L	125 ng/g	625							5 mls
500 ng/ml	2000 ng/L	250 ng/g	1250							5 mls

9. Quality Control

The laboratory must maintain records to document the quality of data that is generated. Ongoing data quality checks are compared with established performance criteria to determine if the results of analyses meet the performance characteristics of the method.

9.1 MINIMUM REPORTING LIMIT (MRL) CONFIRMATION

- 9.1.1** Fortify, extract, and analyze seven replicate LCSs at 2 ng/l. Calculate the mean measured concentration (*Mean*) and standard deviation for these replicates. Determine the Half Range for the prediction interval of results (HR_{PIR}) using the equation below

$$HR_{PIR} = 3.963s$$

Where:

s = the standard deviation

3.963 = a constant value for seven replicates.

- 9.1.2** Confirm that the upper and lower limits for the Prediction Interval of Result ($PIR = Mean \pm HR_{PIR}$) meet the upper and lower recovery limits as shown below

The Upper PIR Limit must be $\leq 150\%$ recovery.

$$\frac{Mean + HR_{PIR}}{Fortified\ Concentration} \times 100\% \leq 150\%$$

The Lower PIR Limit must be $\geq 50\%$ recovery.

$$\frac{Mean - HR_{PIR}}{Fortified\ Concentration} \times 100\% \geq 50\%$$

- 9.1.3** The RL is validated if both the Upper and Lower PIR Limits meet the criteria described above. If these criteria are not met, the RL has been set too low and must be determined again at a higher concentration.

9.2 Blank(s)

- 9.2.1 METHOD BLANK (MB)** - A Method Blank (MB) is required with each extraction batch to confirm that potential background contaminants are not interfering with the identification or quantitation of method analytes. Prep and analyze a MB for every 20 samples. If the MB produces a peak within the retention time window of any analyte that would prevent the determination of that analyte, determine the source of contamination and eliminate the interference before processing samples. Background contamination must be reduced to an acceptable level before proceeding. Background from method analytes or other contaminants that

interfere with the measurement of method analytes must be below the RL. If the method analytes are detected in the MB at concentrations equal to or greater than this level, then all data for the problem analyte(s) must be considered invalid for all samples in the extraction batch. Because background contamination is a significant problem for several method analytes, it is highly recommended that the analyst maintain a historical record of MB data.

- 9.2.2 FIELD REAGENT BLANK (FRB)** - The purpose of the FRB is to ensure that PFAS's measured in the Field Samples were not inadvertently introduced into the sample during sample collection/handling. Analysis of the FRB is required only if a Field Sample contains a method analyte or analytes at or above the RL. The FRB is processed, extracted and analyzed in exactly the same manner as a Field Sample.

9.3 Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicates (LCSD)

- 9.3.1** An LCS is required with each extraction batch. The fortified concentration of the LCS may be rotated between low, medium, and high concentrations from batch to batch. Default limits of 50-150% of the true value may be used for analytes until sufficient replicates have been analyzed to generate proper control limits. Calculate the percent recovery (%R) for each analyte using the equation

$$\%R = \frac{A \times 100}{B}$$

Where:

A = measured concentration in the fortified sample
B = fortification concentration.

- 9.3.2** Where applicable, LCSD's are to be extracted and analyzed. The concentration and analyte recovery criteria for the LCSD must be the same as the batch LCS. The RSD's must fall within ≤30% of the true value for medium and high level replicates, and ≤50% for low level replicates. Calculate the relative percent difference (RPD) for duplicate MSs (MS and MSD) using the equation

$$RPD = \frac{|LCS - LCSD|}{(LCS + LCSD) / 2} \times 100$$

- 9.3.3** If the LCS and or LCSD results do not meet these criteria for method analytes, then all data for the problem analyte(s) must be considered invalid for all samples in the extraction batch.

9.4 Labeled Recovery Standards (REC)

The analyst must monitor the peak areas of the REC(s) in all injections during each analysis day.

9.5 Extracted Internal Standards (EIS)

- 9.5.1** The EIS standard is fortified into all samples, CCVs, MBs, LCSs, MSs, MSDs, FD, and FRB prior to extraction. It is also added to the CAL standards. The EIS is a means of assessing method performance from extraction to final

chromatographic measurement. Calculate the recovery (%R) for the EIS using the following equation

$$\%R = (A / B) \times 100$$

Where:

A = calculated EIS concentration for the QC or Field Sample
B = fortified concentration of the EIS.

- 9.5.2** Default limits of 50-150% may be used for analytes until sufficient replicates have been analyzed to generate proper control limits. A low or high percent recovery for a sample, blank, or CCV does not require discarding the analytical data but it may indicate a potential problem with future analytical data. When EIS recovery from a sample, blank, or CCV are outside control limits, check 1) calculations to locate possible errors, 2) standard solutions for degradation, 3) contamination, and 4) instrument performance. For CCVs and QC elements spiked with all target analytes, if the recovery of the corresponding target analytes meet the acceptance criteria for the EIS in question, the data can be used but all potential biases in the recovery of the EIS must be documented in the sample report. If the associated target analytes do not meet the acceptance criteria, the data must be reanalyzed.

9.6 Matrix Spike (MS)

- 9.6.1** Analysis of an MS is required in each extraction batch and is used to determine that the sample matrix does not adversely affect method accuracy. Assessment of method precision is accomplished by analysis of a Field Duplicate (FD) (Sect. 9.6); however, infrequent occurrence of method analytes would hinder this assessment. If the occurrence of method analytes in the samples is infrequent, or if historical trends are unavailable, a second MS, or MSD, must be prepared, extracted, and analyzed from a duplicate of the Field Sample. Extraction batches that contain MSDs will not require the extraction of a field sample duplicate. If a variety of different sample matrices are analyzed regularly, for example, drinking water from groundwater and surface water sources, method performance should be established for each. Over time, MS data should be documented by the laboratory for all routine sample sources.
- 9.6.2** Within each extraction batch, a minimum of one Field Sample is fortified as an MS for every 20 Field Samples analyzed. The MS is prepared by spiking a sample with an appropriate amount of the Analyte Stock Standard (Sect. 8.2.3). Use historical data and rotate through the low, mid and high concentrations when selecting a fortifying concentration. Calculate the percent recovery (%R) for each analyte using the equation

$$\%R = \frac{(A - B)}{C} \times 100$$

Where:

A = measured concentration in the fortified sample
B = measured concentration in the unfortified sample
C = fortification concentration.

- 9.6.3** Analyte recoveries may exhibit matrix bias. For samples fortified at or above their native concentration, recoveries should range between 50-150%. If the accuracy of any analyte falls outside the designated range, and the laboratory performance for that analyte is shown to be in control in the LCS, the recovery is judged to be

matrix biased. The result for that analyte in the unfortified sample is labeled suspect/matrix to inform the data user that the results are suspect due to matrix effects.

9.7 Laboratory Duplicate

9.7.1 FIELD DUPLICATE OR LABORATORY FORTIFIED SAMPLE MATRIX DUPLICATE (FD or MSD) – Within each extraction batch (not to exceed 20 Field Samples), a minimum of one FD or MSD must be analyzed. Duplicates check the precision associated with sample collection, preservation, storage, and laboratory procedures. If method analytes are not routinely observed in Field Samples, an MSD should be analyzed rather than an FD.

9.7.2 Calculate the relative percent difference (RPD) for duplicate measurements (FD1 and FD2) using the equation

$$RPD = \frac{|FD1 - FD2|}{(FD1 + FD2) / 2} \times 100$$

9.7.3 RPDs for FDs should be ≤30%. Greater variability may be observed when FDs have analyte concentrations that are within a factor of 2 of the RL. At these concentrations, FDs should have RPDs that are ≤50%. If the RPD of any analyte falls outside the designated range, and the laboratory performance for that analyte is shown to be in control in the CCV, the recovery is judged to be matrix biased. The result for that analyte in the unfortified sample is labeled suspect/matrix to inform the data user that the results are suspect due to matrix effects.

9.7.4 If an MSD is analyzed instead of a FD, calculate the relative percent difference (RPD) for duplicate MSs (MS and MSD) using the equation

$$RPD = \frac{|MS - MSD|}{(MS + MSD) / 2} \times 100$$

9.7.5 RPDs for duplicate MSs should be ≤30% for samples fortified at or above their native concentration. Greater variability may be observed when MSs are fortified at analyte concentrations that are within a factor of 2 of the RL. MSs fortified at these concentrations should have RPDs that are ≤50% for samples fortified at or above their native concentration. If the RPD of any analyte falls outside the designated range, and the laboratory performance for that analyte is shown to be in control in the LCSD where applicable, the result is judged to be matrix biased. If no LCSD is present, the associated MS and MSD are to be re-analyzed to determine if any analytical has occurred. If the resulting RPDs are still outside control limits, the result for that analyte in the unfortified sample is labeled suspect/matrix to inform the data user that the results are suspect due to matrix effects.

9.8 Initial Calibration Verification (ICV)

9.8.1 As part of the IDC (Sect. 13.2), and after each ICAL, analyze a QCS sample from a source different from the source of the CAL standards. If a second vendor is not available, then a different lot of the standard should be used. The QCS should be prepared and analyzed just like a CCV. Acceptance criteria for the QCS are identical to the CCVs; the calculated amount for each analyte must be ±

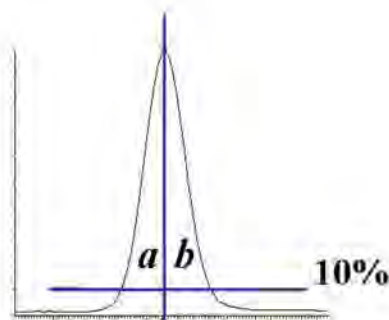
30% of the expected value. If measured analyte concentrations are not of acceptable accuracy, check the entire analytical procedure to locate and correct the problem.

9.9 Continuing Calibration Verification (CCV)

9.9.1 CCV Standards are analyzed at the beginning of each analysis batch, after every 10 Field Samples, and at the end of the analysis batch. See Section 10.7 for concentration requirements and acceptance criteria.

9.10 Method-specific Quality Control Samples

9.10.1 PEAK ASYMMETRY FACTOR – A peak asymmetry factor must be calculated using the equation below during the IDL and every time a calibration curve is generated. The peak asymmetry factor for the first two eluting peaks in a midlevel CAL standard (if only two analytes are being analyzed, both must be evaluated) must fall in the range of 0.8 to 1.5. Modifying the standard or extract composition to more aqueous content to prevent poor shape is not permitted. See guidance in Section 10.6.4.1 if the calculated peak asymmetry factors do not meet the criteria.



$$A_s = b / a$$

Where:

A_s = peak asymmetry factor

b = width of the back half of the peak measured (at 10% peak height) from the trailing edge of the peak to a line dropped perpendicularly from the peak apex

a = the width of the front half of the peak measured (at 10% peak height) from the leading edge of the peak to a line dropped perpendicularly from the apex.

9.11 Method Sequence

- CCV-LOW
- MB
- LCS
- LCSD
- MS
- Duplicate or MSD
- Field Samples (1-10)
- CCV-MID
- Field Samples (11-20)
- CCV-LOW

10. Procedure

10.1 Equipment Set-up

- 10.1.1** This procedure may be performed manually or in an automated mode using a robotic or automatic sample preparation device. If an automated system is used to prepare samples, follow the manufacturer's operating instructions, but all extraction and elution steps must be the same as in the manual procedure. Extraction and/or elution steps may not be changed or omitted to accommodate the use of an automated system. If an automated system is used, the MBs should be rotated among the ports to ensure that all the valves and tubing meet the MB requirements (Sect. 9.2).
- 10.1.2** Some of the PFAS's adsorb to surfaces, including polypropylene. Therefore, the aqueous sample bottles must be rinsed with the elution solvent (Sect 10.3.4) whether extractions are performed manually or by automation. The bottle rinse is passed through the cartridge to elute the method analytes and is then collected (Sect. 10.3.4).
- 10.1.3 NOTE:** The SPE cartridges and sample bottles described in this section are designed as single use items and should be discarded after use. They may not be refurbished for reuse in subsequent analyses.

10.2 Sample Preparation and Extraction of Aqueous Samples

- 10.2.1** Samples are preserved, collected and stored as presented in Section 6.

The entire sample that is received must be sent through the SPE cartridge. In addition, the bottle must be solvent rinsed and this rinse must be sent through the SPE cartridge as well. The method blank (MB) and laboratory control sample (LCS) must be extracted in exactly the same manner (i.e., must include the bottle solvent rinse). It should be noted that a water rinse alone is not sufficient. This does not apply to samples with high concentrations of PFAS that are prepared using serial dilution and not SPE.

- 10.2.2** Determine sample volume. Weigh all samples to the nearest 1g. If visible sediment is present, centrifuge and decant into a new 250mL HDPE bottle and record the weight of the new container.

NOTE: Some of the PFAS's adsorb to surfaces, thus the sample volume may **NOT** be transferred to a graduated cylinder for volume measurement.

- 10.2.3** The MB, LCS and FRB may be prepared by measuring 250 mL of reagent water with a polypropylene graduated cylinder or filling a 250-mL sample bottle to near the top.
- 10.2.4** Adjust the QC and sample pH to 3 by adding acetic acid in water dropwise
- 10.2.5** Add 20 µL of the EIS PDS (Sect. 8.2.2) to each sample and QC, cap and invert to mix.
- 10.2.6** If the sample is an LCS, LCSD, MS, or MSD, add the necessary amount of analyte PDS (Sect. 8.2.3). Cap and invert each sample to mix.

10.3 Cartridge SPE Procedure

- 10.3.1 CARTRIDGE CLEAN-UP AND CONDITIONING – DO NOT** allow cartridge packing material to go dry during any of the conditioning steps. Rinse each cartridge with 3 X 5 mL of 2% ammonium hydroxide in methanol, followed by 5mls of methanol. Next, rinse each cartridge with 5 mls of the 25 mM acetate buffer, followed by 15 mL of reagent water, without allowing the water to drop below the top edge of the packing. If the cartridge goes dry during the conditioning phase, the conditioning must be started over. Add 4-5 mL of reagent water to each cartridge, attach the sample transfer tubes (Sect. 7.9.3), turn on the vacuum, and begin adding sample to the cartridge.
- 10.3.2 SAMPLE EXTRACTON –** Adjust the vacuum so that the approximate flow rate is approximately 4 mL/min. Do not allow the cartridge to go dry before all the sample has passed through.
- 10.3.3 SAMPLE BOTTLE AND CARTRIDGE RINSE –** After the entire sample has passed through the cartridge, rinse the sample bottles with 4 ml reagent water followed by 4 ml 25 mM acetate buffer at pH 4 and draw the aliquot through the sample transfer tubes and the cartridges. Draw air or nitrogen through the cartridge for 5-10 min at high vacuum (10-15 in. Hg). **NOTE: If empty plastic reservoirs are used in place of the sample transfer tubes to pass the samples through the cartridges, these reservoirs must be treated like the transfer tubes. After the entire sample has passed through the cartridge, the reservoirs must be rinsed to waste with reagent water.**
- 10.3.4 SAMPLE BOTTLE AND CARTRIDGE ELUTION, Fraction 1 –** Turn off and release the vacuum. Lift the extraction manifold top and insert a rack with collection tubes into the extraction tank to collect the extracts as they are eluted from the cartridges. Rinse the sample bottles with 12 mls of methanol and draw the aliquot through the sample transfer tubes and cartridges. Use a low vacuum such that the solvent exits the cartridge in a dropwise fashion.
- SAMPLE BOTTLE AND CARTRIDGE ELUTION, Fraction 2 In a separate collection vial, rinse the sample bottles with 12 mL of 2% ammonium hydroxide in methanol and elute the analytes from the cartridges by pulling the 4 mL of methanol through the sample transfer tubes and the cartridges. Use a low vacuum such that the solvent exits the cartridge in a dropwise fashion. To the final extract, add 50 ul of acetic acid.
- NOTE: If empty plastic reservoirs are used in place of the sample transfer tubes to pass the samples through the cartridges, these reservoirs must be treated like the transfer tubes. After the reservoirs have been rinsed in Section 10.3.3, the elution solvent used to rinse the sample bottles must be swirled down the sides of the reservoirs while eluting the cartridge to ensure that any method analytes on the surface of the reservoirs are transferred to the extract.**
- CLEAN-UP CARTRIDGE ELUTION, Elute the clean-up cartridge with 8 additional mls of methanol and draw the aliquot through the cartridge. Use a low vacuum such that the solvent exits the cartridge in a dropwise fashion.
- 10.3.5** Fractions 1 and 2 are to be combined during the concentration stage (section 10.6)

10.4 Sample Prep and Extraction Protocol for Soils

- 10.4.1 Homogenize and weigh 2 grams of sample (measured to the nearest hundredth of a gram) into a 50 ml polypropylene centrifuge tube. For laboratory control blanks and spikes, 2 grams of clean sand is used.
- 10.4.2 Add 20 µL of the EIS PDS (Sect. 8.2.2) to each sample and QC.
- 10.4.3 If the sample is an LCS, LCSD, MS, or MSD, add the necessary amount of analyte PDS (Sect. 8.2.3). Cap and invert each sample to mix.
- 10.4.4 To all samples, add 10 mls of methanol, cap, vortex for 25 seconds at 3000RPM and mix for 30 minutes using a shaker table of tumbler at 120RPM.
- 10.4.5 Following mixing, sonicate each sample for 30 minutes and let samples sit overnight (at least 2 hours is required for RUSH samples).
- 10.4.6 Centrifuge each sample at 3500RPM for 10 minutes.
- 10.4.7 Remove supernatant, and reserve for clean-up.

10.5 Extract Clean-up

- 10.5.1 CARTRIDGE CLEAN-UP AND CONDITIONING – Rinse each cartridge with 15 mL of methanol and discard. If the cartridge goes dry during the conditioning phase, the conditioning must be started over. Attach the sample transfer tubes (Sect. 7.9.3), turn on the vacuum, and begin adding sample to the cartridge.
- 10.5.2 Adjust the vacuum so that the approximate flow rate is 1-2 mL/min. Do not allow the cartridge to go dry before all the sample has passed through.
- 10.5.3 SAMPLE BOTTLE AND CARTRIDGE RINSE – After the entire sample has passed through the cartridge, rinse the sample collection vial with two 1-mL aliquots of methanol and draw each aliquot through the cartridges. Draw air or nitrogen through the cartridge for 5 min at high vacuum (10-15 in. Hg).
- 10.5.4 If extracts are not to be immediately evaporated, cover collection tubes and store at ambient temperature till concentration.

10.6 Extract Concentration

- 10.6.1 Concentrate the extract to dryness under a gentle stream of nitrogen in a heated water bath (60-65 °C) to remove all the water/methanol mix. Add the appropriate amount of 80:20% (vol/vol) methanol:water solution and 20 µl of the ID REC PDS (Sect. 8.2.7) to the collection vial to bring the volume to 1 mL and vortex. Transfer two aliquots with a plastic pipet (Sect. 7.6) into 2 polypropylene autosampler vials.

NOTE: It is recommended that the entire 1-mL aliquot not be transferred to the autosampler vial because the polypropylene autosampler caps do not reseal after injection. Therefore, do not store the extracts in the autosampler vials as evaporation losses can occur occasionally in these autosampler vials. Extracts can be split between 2 X 700 µl vials (Sect. 7.4).

10.7 Sample Volume Determination

10.7.1 If the level of the sample was marked on the sample bottle, use a graduated cylinder to measure the volume of water required to fill the original sample bottle to the mark made prior to extraction. Determine to the nearest 10 mL.

10.7.2 If using weight to determine volume, weigh the empty bottle to the nearest 10 g and determine the sample weight by subtraction of the empty bottle weight from the original sample weight (Sect. 10.2.2). Assume a sample density of 1.0 g/mL. In either case, the sample volume will be used in the final calculations of the analyte concentration (Sect. 11.2).

10.8 Initial Calibration - Demonstration and documentation of acceptable initial calibration is required before any samples are analyzed. After the initial calibration is successful, a CCV is required at the beginning and end of each period in which analyses are performed, and after every tenth Field Sample.

10.8.1 ESI-MS/MS TUNE

10.8.1.1 Calibrate the mass scale of the MS with the calibration compounds and procedures prescribed by the manufacturer.

10.8.1.2 Optimize the [M-H]⁻ for each method analyte by infusing approximately 0.5-1.0 µg/mL of each analyte (prepared in the initial mobile phase conditions) directly into the MS at the chosen LC mobile phase flow rate (approximately 0.4 mL/min). This tune can be done on a mix of the method analytes. The MS parameters (voltages, temperatures, gas flows, etc.) are varied until optimal analyte responses are determined. The method analytes may have different optima requiring some compromise between the optima.

10.8.1.3 Optimize the product ion for each analyte by infusing approximately 0.5-1.0 µg/mL of each analyte (prepared in the initial mobile phase conditions) directly into the MS at the chosen LC mobile phase flow rate (approximately 0.4 mL/min). This tune can be done on a mix of the method analytes. The MS/MS parameters (collision gas pressure, collision energy, etc.) are varied until optimal analyte responses are determined. Typically, the carboxylic acids have very similar MS/MS conditions and the sulfonic acids have similar MS/MS conditions.

10.8.2 Establish LC operating parameters that optimize resolution and peak shape. Modifying the standard or extract composition to more aqueous content to prevent poor shape is not permitted.

Cautions: LC system components, as well as the mobile phase constituents, contain many of the method analytes in this method. Thus, these PFAS's will build up on the head of the LC column during mobile phase equilibration. To minimize the background PFAS peaks and to keep background levels constant, the time the LC column sits at initial conditions must be kept constant and as short as possible (while ensuring reproducible retention times). In addition, prior to daily use, flush the column with 100% methanol for at least 20 min before initiating a sequence. It may be necessary on some systems to flush other LC components such as wash syringes, sample needles or any other system components before daily use.

10.8.3 Inject a mid-level CAL standard under LC/MS conditions to obtain the retention times of each method analyte. If analyzing for PFTA, ensure that the LC

conditions are adequate to prevent co-elution of PFTA and the mobile phase interferants. These interferants have the same precursor and products ions as PFTA, and under faster LC conditions may co-elute with PFTA. Divide the chromatogram into retention time windows each of which contains one or more chromatographic peaks. During MS/MS analysis, fragment a small number of selected precursor ions ([M-H]-) for the analytes in each window and choose the most abundant product ion. For maximum sensitivity, small mass windows of ± 0.5 daltons around the product ion mass were used for quantitation.

10.8.4 Inject a mid-level CAL standard under optimized LC/MS/MS conditions to ensure that each method analyte is observed in its MS/MS window and that there are at least 10 scans across the peak for optimum precision.

10.8.4.1 If broad, split or fronting peaks are observed for the first two eluting chromatographic peaks (if only two analytes are being analyzed, both must be evaluated), change the initial mobile phase conditions to higher aqueous content until the peak asymmetry ratio for each peak is 0.8 – 1.5. The peak asymmetry factor is calculated as described in Section 9.9.1 on a mid-level CAL standard. The peak asymmetry factor must meet the above criteria for the first two eluting peaks during the IDL and every time a new calibration curve is generated. Modifying the standard or extract composition to more aqueous content to prevent poor shape is not permitted.

NOTE: PFHxS, PFOS, NMeFOSAA, and NEtFOSAA have multiple chromatographic peaks using the LC conditions in Table 5 due to chromatographic resolution of the linear and branched isomers of these compounds. Most PFAS's are produced by two different processes. One process gives rise to linear PFAS's only while the other process produces both linear and branched isomers. Thus, both branched and linear PFAS's can potentially be found in the environment. For the aforementioned compounds that give rise to more than one peak, all the chromatographic peaks observed in the standard must be integrated and the areas totaled. Chromatographic peaks in a sample must be integrated in the same way as the CAL standard.

10.8.5 Prepare a set of CAL standards as described in Section 8.2.5. The lowest concentration CAL standard must be at or below the RL (2 ng/L), which may depend on system sensitivity.

10.8.6 The LC/MS/MS system is calibrated using the IS technique. Use the LC/MS/MS data system software to generate a linear regression or quadratic calibration curve for each of the analytes. This curve **must always** be forced through zero and may be concentration weighted, if necessary. Forcing zero allows for a better estimate of the background levels of method analytes. A minimum of 5 levels are required for a linear calibration model and a minimum of 6 levels are required for a quadratic calibration model.

10.8.7 CALIBRATION ACCEPTANCE CRITERIA – A linear fit is acceptable if the coefficient of determination (r^2) is greater than 0.99. When quantitated using the initial calibration curve, each calibration point, except the lowest point, for each analyte should calculate to be within 70-130% of its true value. The lowest CAL point should calculate to be within 50-150% of its true value. If these criteria cannot be met, the analyst will have difficulty meeting ongoing QC criteria. It is

recommended that corrective action is taken to reanalyze the CAL standards, restrict the range of calibration, or select an alternate method of calibration (forcing the curve through zero is still required).

10.8.7.1 CAUTION: When acquiring MS/MS data, LC operating conditions must be carefully reproduced for each analysis to provide reproducible retention times. If this is not done, the correct ions will not be monitored at the appropriate times. As a precautionary measure, the chromatographic peaks in each window must not elute too close to the edge of the segment time window.

10.9 CONTINUING CALIBRATION CHECK (CCV) – Minimum daily calibration verification is as follows. Verify the initial calibration at the beginning and end of each group of analyses, and after every tenth sample during analyses. In this context, a “sample” is considered to be a Field Sample. MBs, CCVs, LCSs, MSs, FDs FRBs and MSDs are not counted as samples. The beginning CCV of each analysis batch must be at or below the RL in order to verify instrument sensitivity prior to any analyses. If standards have been prepared such that all low CAL points are not in the same CAL solution, it may be necessary to analyze two CAL standards to meet this requirement. Alternatively, the analyte concentrations in the analyte PDS may be customized to meet these criteria. Subsequent CCVs should alternate between a medium and Low concentration CAL standard.

10.9.1 Inject an aliquot of the appropriate concentration CAL standard and analyze with the same conditions used during the initial calibration.

10.9.2 Calculate the concentration of each analyte and EIS in the CCV. The calculated amount for each analyte for medium level CCVs must be within $\pm 30\%$ of the true value with an allowance of 10% of the reported analytes to be greater than 30%, but less than 40%. The calculated amount for each EIS must be within $\pm 50\%$ of the true value. The calculated amount for the lowest calibration point for each analyte must be within $\pm 50\%$. If these conditions do not exist, then all data for the problem analyte must be considered invalid, and remedial action should be taken (Sect. 10.7.4) which may require recalibration. Any Field or QC Samples that have been analyzed since the last acceptable calibration verification should be reanalyzed after adequate calibration has been restored, with the following exception. **If the CCV fails because the calculated concentration is greater than 130% (150% for the low-level CCV) for a particular method analyte, and Field Sample extracts show no detection for that method analyte, non-detects may be reported without re-analysis.**

10.9.3 REMEDIAL ACTION – Failure to meet CCV QC performance criteria may require remedial action. Major maintenance, such as cleaning the electrospray probe, atmospheric pressure ionization source, cleaning the mass analyzer, replacing the LC column, etc., requires recalibration (Sect 10.6) and verification of sensitivity by analyzing a CCV at or below the RL (Sect 10.7).

10.10 EXTRACT ANALYSIS

- 10.10.1** Establish operating conditions equivalent to those summarized in Tables 6-8 of Section 16. Instrument conditions and columns should be optimized prior to the initiation of the IDC.
- 10.10.2** Establish an appropriate retention time window for each analyte. This should be based on measurements of actual retention time variation for each method analyte in CAL standard solutions analyzed on the LC over the course of time. A value of plus or minus three times the standard deviation of the retention time obtained for each method analyte while establishing the initial calibration and completing the IDC can be used to calculate a suggested window size. However, the experience of the analyst should weigh heavily on the determination of the appropriate retention window size.
- 10.10.3** Calibrate the system by either the analysis of a calibration curve (Sect. 10.6) or by confirming the initial calibration is still valid by analyzing a CCV as described in Section 10.7. If establishing an initial calibration, complete the IDC as described in Section 13.2.
- 10.10.4** Begin analyzing Field Samples, including QC samples, at their appropriate frequency by injecting the same size aliquots under the same conditions used to analyze the CAL standards.
- 10.10.5** At the conclusion of data acquisition, use the same software that was used in the calibration procedure to identify peaks of interest in predetermined retention time windows. Use the data system software to examine the ion abundances of the peaks in the chromatogram. Identify an analyte by comparison of its retention time with that of the corresponding method analyte peak in a reference standard.
- 10.10.6** The analyst must not extrapolate beyond the established calibration range. If an analyte peak area exceeds the range of the initial calibration curve, the sample should be re-extracted with a reduced sample volume in order to bring the out of range target analytes into the calibration range. If a smaller sample size would not be representative of the entire sample, the following options are recommended. Re-extract an additional aliquot of sufficient size to insure that it is representative of the entire sample. Spike it with a higher concentration of internal standard. Prior to LC/MS analysis, dilute the sample so that it has a concentration of internal standard equivalent to that present in the calibration standard. Then, analyze the diluted extract.

11. Data Evaluation, Calculations and Reporting

- 11.1** Complete chromatographic resolution is not necessary for accurate and precise measurements of analyte concentrations using MS/MS. In validating this method, concentrations were calculated by measuring the product ions listed in Table 7.
- 11.2** Calculate analyte concentrations using the multipoint calibration established in Section 10.6. Do not use daily calibration verification data to quantitate analytes in samples. Adjust final analyte concentrations to reflect the actual sample volume determined in Section 10.6 where:

$$C_{ex} = (\text{Area of target analyte} * \text{Concentration of Labeled analog}) / (\text{area of labeled analog} * \text{CF})$$

$$C_s = (C_{ex} / \text{sample volume in ml}) * 1000$$

C_{ex} = The concentration of the analyte in the extract

CF = calibration factor from calibration.

- 11.3** Prior to reporting the data, the chromatogram should be reviewed for any incorrect peak identification or poor integration.
- 11.4** PFHxS, PFOS, PFOA, NMeFOSAA, and NEtFOSAA have multiple chromatographic peaks using the LC conditions in Table 5 due to the linear and branch isomers of these compounds (Sect. 10.6.4.1). The areas of all the linear and branched isomer peaks observed in the CAL standards for each of these analytes must be summed and the concentrations reported as a total for each of these analytes.
- 11.5** Calculations must utilize all available digits of precision, but final reported concentrations should be rounded to an appropriate number of significant figures (one digit of uncertainty), typically two, and not more than three significant figures.

12. Contingencies for Handling Out-of-Control Data or Unacceptable Data

- 12.1** Section 9.0 outlines sample batch QC acceptance criteria. If non-compliant organic compound results are to be reported, the Organic Section Head and/or the Laboratory Director, and the Operations Manager must approve the reporting of these results. The laboratory Project Manager shall be notified, and may choose to relay the non-compliance to the client, for approval, or other corrective action, such as re-sampling and re-analysis. The analyst, Data Reviewer, or Department Supervisor performing the secondary review initiates the project narrative, and the narrative must clearly document the non-compliance and provide a reason for acceptance of these results.
- 12.2** All results for the organic compounds of interest are reportable without qualification if extraction and analytical holding times are met, preservation requirements (including cooler temperatures) are met, all QC criteria are met, and matrix interference is not suspected during extraction or analysis of the samples. If any of the below QC parameters are not met, all associated samples must be evaluated for re-extraction and/or re-analysis.

13. Method Performance

13.1 Detection Limit Study (DL) / Limit of Detection Study (LOD) / Limit of Quantitation (LOQ)

- 13.1.1** The laboratory follows the procedure to determine the DL, LOD, and/or LOQ as outlined in Alpha SOP ID 1732. These studies performed by the laboratory are maintained on file for review.

13.2 Demonstration of Capability Studies

- 13.2.1** The IDC must be successfully performed prior to analyzing any Field Samples. Prior to conducting the IDC, the analyst must first generate an acceptable Initial Calibration following the procedure outlined in Section 10.6.
- 13.2.2** INITIAL DEMONSTRATION OF LOW SYSTEM BACKGROUND – Any time a new lot of SPE cartridges, solvents, centrifuge tubes, disposable pipets, and autosampler vials are used, it must be demonstrated that an MB is reasonably free of contamination and that the criteria in Section 9.2.1 are met. If an automated extraction system is used, an MB should be extracted on each port to ensure that all the valves and tubing are free from potential PFAS contamination.
- 13.2.3** INITIAL DEMONSTRATION OF PRECISION (IDP) – Prepare, extract, and analyze four to seven replicate LCSs fortified near the midrange of the initial calibration curve according to the procedure described in Section 10. Sample preservatives as described in Section 6.2.1 must be added to these samples. The relative standard deviation (RSD) of the results of the replicate analyses must be less than 20%.
- 13.2.4** INITIAL DEMONSTRATION OF ACCURACY (IDA) – Using the same set of replicate data generated for Section 13.2.3, calculate average recovery. The average recovery of the replicate values must be within $\pm 30\%$ of the true value.
- 13.2.5** INITIAL DEMONSTRATION OF PEAK ASYMMETRY FACTOR – Peak asymmetry factors must be calculated using the equation in Section 9.10.1 for the first two eluting peaks (if only two analytes are being analyzed, both must be evaluated) in a mid-level CAL standard. The peak asymmetry factors must fall in the range of 0.8 to 1.5. See guidance in Section 10.6.4.1 if the calculated peak asymmetry factors do not meet the criteria.
- 13.2.6** Refer to Alpha SOP ID 1739 for further information regarding IDC/DOC Generation.
- 13.2.7** The analyst must make a continuing, annual, demonstration of the ability to generate acceptable accuracy and precision with this method.

14. Pollution Prevention and Waste Management

- 14.1** Refer to Alpha's Chemical Hygiene Plan and Hazardous Waste Management and Disposal SOP for further pollution prevention and waste management information.
- 14.2** This method utilizes SPE to extract analytes from water. It requires the use of very small volumes of organic solvent and very small quantities of pure analytes, thereby minimizing the potential hazards to both the analyst and the environment as compared to the use of large volumes of organic solvents in conventional liquid-liquid extractions.
- 14.3** The analytical procedures described in this method generate relatively small amounts of waste since only small amounts of reagents and solvents are used. The matrices of concern are finished drinking water or source water. However, laboratory waste management practices must be conducted consistent with all applicable rules and regulations, and that laboratories protect the air, water, and land by minimizing and controlling all releases from fume hoods and bench operations. Also, compliance is required with any sewage discharge permits and regulations, particularly the hazardous waste identification rules and land disposal restrictions.

15. Referenced Documents

Chemical Hygiene Plan – ID 2124

SOP ID 1732 Detection Limit (DL), Limit of Detection (LOD) & Limit of Quantitation (LOQ) SOP

SOP ID 1739 Demonstration of Capability (DOC) Generation SOP

SOP ID 1728 Hazardous Waste Management and Disposal SOP

16. Attachments

Table 7: LC Method Conditions

Time (min)	2 mM Ammonium Acetate (5:95 MeOH/H ₂ O)	100% Methanol
Initial	100.0	0.0
1.0	100.0	0.0
2.2	85.0	15.0
11	20.0	80.0
11.4	0.0	100.0
12.4	100.0	00.0
15.5	100.0	0.0
Waters Aquity UPLC ® BEHC ₁₈ 2.1 x 50 mm packed with 1.7 µm BEH C ₁₈ stationary phase Flow rate of 0.4 mL/min 2-5 µL injection		

Table 8: ESI-MS Method Conditions

ESI Conditions	
Polarity	Negative ion
Capillary needle voltage	.5 kV
Cone Gas Flow	25 L/hr
Nitrogen desolvation gas	1000 L/hr
Desolvation gas temp.	500 °C

Table 9: Method Analyte Source, Retention Times (RTs), and EIS References

#	Analyte	Transition	RT	IS	Type
1	M3PBA	216>171	2.65		REC
2	PFBA	213 > 169	2.65	2: M4PFBA	
3	M4PFBA	217 > 172	2.65	1: M3PBA	EIS
4	PFPeA	263 > 219	5.67	4: M5PFPEA	
5	M5PFPEA	268 > 223	5.66	1: M3PBA	EIS
6	PFBS	299 > 80	6.35	6: M3PFBS	
7	M3PFBS	302 > 80	6.35	29:M4PFOS	EIS
8	FtS 4:2	327 > 307	7.47	9: M2-4:2FTS	

#	Analyte	Transition	RT	IS	Type
9	M2-4:2FTS	329 > 81	7.47	29:M4PFOS	EIS
10	PFHxA	303 > 269	7.57	10: M5PFHxA	
11	M5PFHxA	318 > 273	7.57	19:M2PFOA	EIS
12	PFPeS	349 > 80	7.88	18: M3PFHxS	
13	PFHpA	363 > 319	8.80	14: M4PFHpA	
14	M4PFHpA	367 > 322	8.80	19:M2PFOA	EIS
15	L-PFHxS	399 > 80	8.94	18: M3PFHxS	
16	br-PFHxS	399 > 80	8.72	18: M3PFHxS	
17	PFHxS Total	399 > 80	8.94	18: M3PFHxS	
18	M3PFHxS	402 > 80	8.94	29:M4PFOS	EIS
19	MPFOA	415 > 370	9.7		REC
20	PFOA	413 > 369	9.7	23: M8PFOA	
21	br-PFOA	413 > 369	9.48	23: M8PFOA	
22	PFOA Total	413 > 369	9.7	23: M8PFOA	
23	M8PFOA	421 > 376	9.7	19: M2PFOA	EIS
24	FtS 6:2	427 > 407	9.66	25: M2-6:2FTS	
25	M2-6:2FTS	429 > 409	9.66	29:M4PFOS	EIS
26	PFHpS	449 > 80	9.78	33: M8PFOS	
27	PFNA	463 > 419	10.41	33: M8PFOS	
28	M9PFNA	472 > 427	10.41	19: M2PFOA	EIS
29	M4PFOS	501 > 80	10.45		REC
30	PFOS	499 > 80	10.45	33: M8PFOS	
31	br-PFOS	499 > 80	10.27	33: M8PFOS	
32	PFOS Total	499 > 80	10.45	33: M8PFOS	
33	M8PFOS	507 > 80	10.45	29: M4PFOS	EIS
34	FtS 8:2	527 > 507	10.99	38: M2-8:2FTS	
35	M2-8:2FTS	529 > 509	10.99	29:M4PFOS	EIS
36	M2PFDA	515 > 470	11.00		REC
37	PFDA	513 > 469	11.00	38: M6PFDA	
38	M6PFDA	519 > 474	11.00	36: M2PFDA	EIS
39	PFNS	549 > 80	11.02	33:M8PFOS	
40	NMeFOSAA	570 > 419	11.41	41: D3-NMeFOSAA	
41	d3-NMeFOSAA	573 > 419	11.41	36: M2PFDA	EIS
42	PFOSA	498 > 78	11.48	29: M8FOSA	
43	M8FOSA	506 > 78	11.48	19: M2PFOA	EIS
44	PFUnDA	563 > 519	11.51	41: M7-PFUDA	
45	M7-PFUDA	570 > 525	11.51	36: M2PFDA	EIS
46	PFDS	599 > 80	11.51	33:M8PFOS	
47	NEtFOSAA	584 > 419	11.68	48: d5-NEtFOSAA	

#	Analyte	Transition	RT	IS	Type
48	d5-NEtFOSAA	589 > 419	11.68	36: M2PFDA	EIS
49	PFDaA	613 > 569	11.96	50: MPFDOA	
50	MPFDOA	615 > 570	11.96	36: M2PFDA	EIS
51	PFTriA	663 > 619	12.34	50: MPFDOA	
52	PFTeA	713 > 669	12.6	53: M2PFTEDA	
53	M2PFTEDA	715 > 670	12.6	36: M2PFDA	EIS
54	M3HFPO-DA	329>285	7.97	19: M2PFOA	EIS
55	HFPO-DA	332>287	7.97	54: M3HFPO-DA	
56	ADONA	377>251	8.00	23: M8PFOA	
57	PFHxDA	813>769	13.20	59: M2PFHxDA	
58	PFODA	913>869	13.50	59: M2PFHxDA	
59	M2PFHxDA	815>770	13.20	36:M2PFDA	EIS
60	NEtFOSA	526>169	11.00	61: NMeFOSA	
61	NMeFOSA	512>169	10.50	63: d3-NMeFOSA	
62	d3-NMeFOSA	515>169	10.50	29: M4PFOS	EIS
63	d5-NEtFOSA	531>169	11.00	29: M4PFOS	EIS
64	NMeFOSE	556>122	11.25	66: d7-NMeFOSE	
65	NEtFOSE	570>136	10.75	67: d9-NEtFOSE	
66	d7-NMeFOSE	563>126	11.25	29: M4PFOS	EIS
67	d9-NEtFOSE	579>142	10.75	29: M4PFOS	EIS
68	FtS 10:2	627>607	11.50	25: M2-6:2FTS	
69	PFDoS	699>99	12.50	33: M8PFOS	

Collection of Groundwater Samples for Per- and Polyfluoroalkyl Substances (PFAS) from Monitoring Wells Sample Protocol

Samples collected using this protocol are intended to be analyzed for perfluorooctanoic acid (PFOA) and other perfluorinated compounds by Modified (Low Level) Test Method 537.

The sampling procedure used must be consistent with the NYSDEC March 1991 Sampling Guidelines and Protocols http://www.dec.ny.gov/docs/remediation_hudson_pdf/sgpsect5.pdf with the following materials limitations.

At this time acceptable materials for sampling include: stainless steel, high density polyethylene (HDPE) and polypropylene. Additional materials may be acceptable if proven not to contain PFAS. **NOTE: Grunfos pumps and some bladder pumps are known to contain PFAS materials (e.g. Teflon™ washers for Grunfos pumps and LDPE bladders for bladder pumps).** All sampling equipment components and sample containers should not come in contact with aluminum foil, low density polyethylene (LDPE), glass or polytetrafluoroethylene (PTFE, Teflon™) materials including sample bottle cap liners with a PTFE layer. Standard two step decontamination using detergent and clean water rinse will be performed for equipment that does come in contact with PFAS materials. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials must be avoided. Many food and drink packaging materials and “plumbers thread seal tape” contain PFAS.

All clothing worn by sampling personnel must have been laundered multiple times. The sampler must wear nitrile gloves while filling and sealing the sample bottles.

Pre-cleaned sample bottles with closures, coolers, ice, sample labels and a chain of custody form will be provided by the laboratory.

1. Fill two pre-cleaned 250 mL HDPE or polypropylene bottle with the sample.
2. Cap the bottles with an acceptable cap and liner closure system.
3. Label the sample bottles.
4. Fill out the chain of custody.
5. Place in a cooler maintained at $4 \pm 2^{\circ}$ Celsius.

Collect one equipment blank for every sample batch, not to exceed 20 samples.

Collect one field duplicate for every sample batch, not to exceed 20 samples.

Collect one matrix spike / matrix spike duplicate (MS/MSD) for every sample batch, not to exceed 20 samples.

Request appropriate data deliverable (Category A or B) and an electronic data deliverable.

Remedial Investigation Work Plan
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX D

Site Specific Health and Safety Plan
(Provided on CD in Bound Copy)



Health and Safety Plan

Sendero Verde Redevelopment Project –
Parcel B
Tax Block 1617 of Tax Lot 20
New York, New York

November 28, 2018

Prepared for:
SV-B Owners LLC

Prepared by:
**Roux Environmental Engineering and Geology,
D.P.C.**
209 Shafter Street
Islandia, New York 11749

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- G. Personal Protective Equipment Management Program

Site-Specific Emergency Information

Emergency Phone Numbers

Most emergency services can be obtained by calling **911**. Where 911 service is not available, use the telephone numbers provided in the below table. The following is a master emergency phone list for use by the project management personnel. A more condensed version of the emergency numbers listed below will be posted throughout project work areas. Emergencies encountered on the Site will be responded to by a combination of off-Site emergency services and Site personnel.

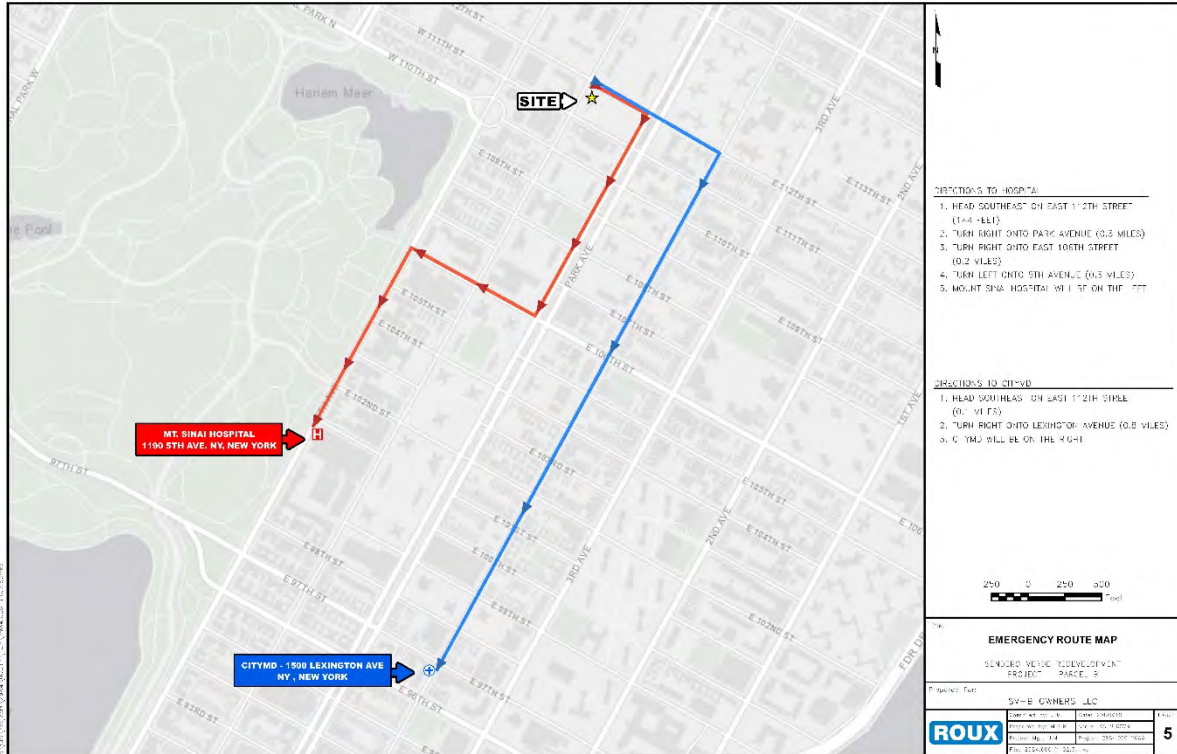
Emergency Contact Information			
Site Personnel			
Title	Contact		Telephone
Project Manager (PM)	Julie Moriarity		631-232-2600
Site Health and Safety Officer (SHSO)	TBD		
Site Supervisor	TBD		
SHSO Alternate	Julie Moriarity		631-232-2600
Outside Assistance			
Agency	Contact	Telephone	Address/Location
Ambulance/EMS	911	911	N/A
Police	NYPD	212-860-6411	162 East 102 nd Street, New York, NY
Fire	FDNY	212-504-4115	1367 5 th Avenue, New York, NY

Route to Mount Sinai Hospital, 1190 5th Avenue, New York, NY (Figure 5):

- Head southeast on East 112th Street (144 feet)
- Turn right onto Park Avenue (0.3 miles)
- Turn right onto East 106th Street (0.2 miles)
- Turn left onto 5th Avenue (0.3 miles)
- Mount Sinai Hospital will be on the left

Route to City MD, 1500 Lexington Avenue, New York, NY (Figure 5):

- Head southeast on East 112th Street (0.1 miles)
- Turn right onto Lexington Avenue (0.8 miles)
- City MD will be on the right



1. Introduction

This Site-specific Health and Safety Plan (HASP) has been prepared by Roux Environmental Engineering and Geology, D.P.C. (Roux) for use during the Remedial Investigation (RI) (e.g., sampling activities being performed by Roux and drilling activities being performed by a drilling subcontractor at the Sendero Verde Redevelopment Site – Parcel B (“the Site”), located to the west of Park Avenue and to the east of Madison Avenue, between East 111th and East 112th Street (see Figure 1). These activities fall within the scope of operations covered by the Occupational Safety and Health Administration (OSHA) standards promulgated at 29 CFR 1910.120 and 29 CFR 1926.65, both commonly referred to as the Hazardous Waste Operations and Emergency Response (HAZWOPER) Standard. In accordance with the HAZWOPER Standard, this Site-specific HASP was prepared to address the safety and health hazards associated with the RI activities being performed at the Site by Roux and to provide requirements and procedures for the protection of Roux employees, subcontractor personnel, government oversight personnel, Site personnel, and the general public. It also addresses client- and Site-specific requirements for health and safety.

Implementation of this HASP is the joint responsibilities of the project manager, the Site health and safety officer, and all field staff, with assistance from the project principal and the office health and safety manager. The project manager for this project is Julie Moriarity, the Site health and safety officer is to be decided and will be communicated prior to the start of any work.

1.1 Roles and Responsibilities

Overall Roles and Responsibilities (R&Rs) of Roux personnel are provided in Roux’s Policies and Procedures Manual. Only those R&Rs specific to HASP requirements are listed below.

Project Manager (PM)

The PM has responsibility and authority to direct all work operations. The PM coordinates safety and health functions with the Site Health and Safety Officer (SHSO), has the authority to oversee and monitor the performance of the SHSO, and bears ultimate responsibility for the proper implementation of this HASP. The specific duties of the PM are:

- preparing and coordinating the Site work plan;
- providing Site supervisor(s) with work assignments and overseeing their performance; Coordinating safety and health efforts with the SHSO;
- ensuring effective emergency response through coordination with the Emergency Response Coordinator (ERC); and
- serving as primary Site liaison with public agencies and officials and Site contractors.

Site Health and Safety Officer (SHSO)

The SHSO has full responsibility and authority to develop and implement this HASP and to verify compliance. The SHSO reports to the Project Manager. The SHSO is on-Site or readily accessible to the Site during all work operations and has the authority to halt Site work if unsafe conditions are detected. The specific responsibilities of the SHSO include:

- managing the safety and health functions on this Site;
- serving as the Site’s point of contact for safety and health matters;
- ensuring Site monitoring, worker training, and effective selection and use of PPE;

- assessing Site conditions for unsafe acts and conditions and providing corrective action;
- assisting the preparation and review of this HASP;
- maintaining effective safety and health records as described in this HASP; and
- coordinating with the Site Supervisor(s) and others as necessary for safety and health efforts.

Site Supervisor

The Site Supervisor is responsible for field operations and reports to the Project Manager (PM). The Site Supervisor ensures the implementation of the HASP requirements and procedures in the field. The specific responsibilities of the Site Supervisor include:

- executing the work plan and schedule as detailed by the PM;
- coordination with the SHSO on safety and health; and
- ensuring Site work compliance with the requirements of this HASP.

Site Workers

Site workers are responsible for complying with this HASP, using the proper PPE, reporting unsafe acts and conditions, and following the work and safety and health instructions of the Project Manager (PM), SHSO, and Site Supervisor.

2. Background

The Site consists of a full city block, excluding three parcels. The Site was developed since at least 1896 with several low-rise buildings and the use was mixed residential and commercial. Demolition of the Site buildings began in 1979 and was completed by 1986. The Site currently contains a baseball field and community gardens surround the eastern and southwestern Site perimeter. There are no permanent on-Site structures present. The Site is zoned for residential use with a commercial overlay. Nearby properties include residential and commercial buildings. The proposed future use of the Site includes residential, commercial and community facility spaces.

There are no known releases of hazardous substances at the Site. As indicated in the Phase I Environmental Site Assessment (ESA), past operators of the Site included tailors and shoe companies, dry cleaners, paints shops, a drug company, printers and furriers. In addition, nearby properties operated as dry cleaners, auto services, dental offices and paint shops. These operations may have used hazardous materials. There is also potential that previous on-Site buildings used fuel oil for heat prior to natural gas conversion. Therefore, there is the potential that fuel oil tanks were present on-Site and undocumented removal of tanks may have occurred or underground storage tanks (USTs) may remain on-Site.

A Phase II ESA was conducted by Roux between April and May of 2018. Results of the Phase II ESA are discussed below.

Summary of Previous Sampling Results (2018, Roux)

Soil

- The previous investigation reveals the presence of urban fill soils across the Site with metals and PAHs usually associated with such fill material.
- Exceedances of NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) for semivolatile organic compounds (SVOCs), specifically polycyclic aromatic hydrocarbons (PAHs), metals (arsenic, barium, copper, and lead), and/or pesticides were encountered in six (6) sample locations at various depths (from 0 to 14 ft bls).
- The highest SVOC exceedances were in the range of one order of magnitude greater than the RRSCOs and located in the center of the Site near East 112th Street. SVOCs exceeded the RRSCOs in six of the ten soil boring locations.
- Metals exceeded the RRSCOs in five (5) sampling locations. One sample location (SB-1 from 0-2 ft bls) contained copper in concentrations nearly twenty times the RRSCOs.
- One pesticide, dieldrin, exceeded the RRSCO in one sample location. The dieldrin exceedance was less than one order of magnitude greater than the RRSCO.

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

Groundwater

- One VOC, Chloroform, was detected above its Ambient Water Quality Standards and Guidance Values (AWQSGV) in all samples (maximum concentration of 39 micrograms per liter [µg/L]).
- Concentrations of SVOCs exceeded their AWQSGVs in three (3) unfiltered samples. SVOCs in the filtered samples were below their respective AWSWGVs, except Bis(2-ethylhexyl)phthalate. Bis(2-ethylhexyl)phthalate (maximum concentration of 9.4 µg/L) was detected above its AWQSGV in one filtered sample (SB-4).

- Concentrations of metals exceeded their AWQSGVs in all unfiltered samples. Metals in the filtered samples were below their respective AWQSGVs, with the exception of sodium. Sodium (maximum concentration of 68,300 µg/L) was detected above its AWQSGVs in three (3) filtered groundwater grab samples (SB-4, SB-5, and SB-10). Sodium is naturally occurring in groundwater.
- No PCBs were detected in groundwater.
- Concentrations of pesticides exceeded their AWQSGVs in all unfiltered samples. Pesticides in the filtered samples were below their respective AWQSGVs, with the exception of dieldrin. Dieldrin (maximum concentration of 0.022 [estimated] µg/L) was detected above its AWQSGVs in three (3) filtered groundwater grab samples (SB-1, SB-4 and SB-10).

Soil Vapor

- A total of fourteen (14) compounds were detected in the soil vapor samples.
- All soil vapor samples contained detections of VOCs.
- Tetrachloroethylene (PCE) was detected in four of the seven soil vapor samples.
- Petroleum related compounds (i.e., toluene, ethylbenzene, or xylenes) were found in three (3) soil vapor samples.

An overall Site Setting and Site Plan are included as Figures 2 and 3.

3. Scope of Work

The RI scope of work includes the following:

- Pre-clear a total of 24 soil borings to 5 feet below land surface (ft bls);
- Advancement of 24 soil borings to up to 20 ft bls utilizing a GeoProbe™ drill rig;
- Conversion of five soil borings to permanent groundwater monitoring wells; and
- Installation of five soil vapor points to either five or 7-9 ft bls.

If there are any changes with the scope a revision of the HASP will be required to address any new hazards.

4. Site Control

This Site control program is designed to reduce the spread of hazardous substances from contaminated areas to clean areas, to identify and isolate contaminated areas of the Site, to facilitate emergency evacuation and medical care, to prevent unauthorized entry to the Site, and to deter vandalism and theft.

4.1 Site Map

A map of this Site, showing Site boundaries, designated work zones, and points of entry and exit is provided in Figure 4.

4.2 Site Access

Access to the Site is restricted to reduce the potential for exposure to its safety and health hazards. During hours of Site operation, Site entry and exit is authorized only at the points identified in Figure 4.

4.3 Buddy System

The buddy system is not applicable.

4.4 Site Communications

The following communication equipment is used to support on-Site communication: cell phones.

4.5 Site Work Zones

This section is not applicable.

5. Job Hazard Evaluation

Roux's work at the Site is expected to entail a variety of physical, chemical, and biological hazards, all of which must be sufficiently managed to allow the work to be performed safely. Some of the hazards are Site-specific, i.e., they are associated with the nature, physical characteristics, and/or routine operation of the Site itself, while others are activity-specific, i.e., they are associated with (or arise from) the particular activity being performed. The various hazards can be grouped into the following categories:

Caught/Crushed – the potential to become caught in, under, between, or by an object or parts of an object, such as equipment with parts that open and close or move up and down (“pinch points”) or equipment that rotates, and the accompanying potential to have body parts cut, mangled, or crushed thereby.

Contact – the potential to be struck by or against moving or stationary objects that can cause physical injury, such as heavy machinery, overhead piping, moving vehicles, falling objects, and equipment (including tools and hand-held equipment) or infrastructure with the ability to cut or impale.

Energy Sources – the potential for bodily harm associated with energy sources, most notably electricity, but also including latent energy sources such as compressed air and equipment under tension (which when released could cause injurious contact or a fall).

Ergonomics – the potential for musculoskeletal injury associated with lifting/carrying, pushing/pulling, bending, reaching, and other physical activity attributable to poor body position/mechanics, repetitive motion, and/or vibration.

Exposure – the potential for injury/illness due to physical, chemical, or biological exposures in the work environment, including but not limited to temperature extremes, solar radiation, and noise (physical), chemical splashes and hazardous atmospheres (chemical), and animal/insect bites and poisonous plants (biological).

Falls – the potential to slip or trip and thus fall or drop a load, resulting in bodily injury to oneself or others.

The foregoing is intended to provide Roux employees with a general awareness of the hazards involved with Site work. A more detailed review of the potential hazards associated with each specific activity planned for the Site (or ongoing activity, as the case may be) is provided in the activity-specific Job Safety Analysis (JSA) forms in Appendix A. As can be seen in the JSA forms, the hazards are identified by category per the above, and specific measures designed to mitigate/manage those hazards are also identified. In preparing the JSA forms, all categories of hazards were considered, and all anticipated potential hazards were identified to the extent possible based on the experience of the personnel preparing and reviewing the JSA forms. However, there is always the possibility for an unanticipated hazard to arise, potentially as condition change over the course of the workday. Roux personnel must maintain a continual awareness of potential hazards in the work zone, regardless of whether the hazard is identified in the JSA form. Particular attention should be paid to hazards associated with exposure to hazardous substances (see Table 1 for a listing of the hazardous substances most likely to be encountered in environmental media at the Site) and to Site personnel being located “in the line of fire” with respect to moving equipment, pinch points, and latent energy, e.g., being located or having body parts located within the swing radius of an excavator, between two sections of pipe being connected, below a piece of suspended equipment, or adjacent to a compressed air line.

5.1 Employee Notification of Hazards and Overall Site Information Program

The information in the JSAs and safety data sheets is made available to all employees and subcontractors who could be affected by it prior to the time they begin their work activities. Modifications to JSAs are communicated during routine pre-work briefings.

6. Emergency Response Plan

This emergency response plan details actions to be taken in the event of Site emergencies. The PM and SHSO is responsible for the implementation of emergency response procedures on-Site. The SHSO/PM provides specific direction for emergency action based upon information available regarding the incident and response capabilities and initiates emergency procedures and notification of appropriate authorities. In the event of an emergency, Site personnel are evacuated and do not participate in emergency response activities, response is facilitated through external emergency services.

6.1 Emergency Response

The SHSO, after investigating the incident and relevant information, shall determine the level of response required for containment, rescue and medical care. Limited on-Site emergency response activities could occur therefore the SHSO is responsible for notifying external emergency response agencies. The SHSO provides relevant information to the responding organizations, including but not limited to the hazards associated with the emergency incident, potential containment problems, and missing Site personnel.

6.2 Emergency Alerting and Evacuation

If evacuation notice is given, Site workers leave the worksite, if possible, by way of the nearest exit. Appropriate primary and alternate evacuation routes and assembly areas have been identified and are shown on the Emergency Response Site Map Figure 4. The routes and assembly area will be determined by conditions at the time of the evacuation based on wind direction, the location of the hazard source, and other factors as determined by SHSO/PM.

Personnel exiting the Site gather at a designated assembly point. To determine that everyone has successfully exited the Site, personnel will be accounted for at the assembly Site. If any worker cannot be accounted for, notification is given to so that appropriate action can be initiated. Subcontractors on this Site have coordinated their emergency response plans to ensure that these plans are compatible and potential emergencies are recognized, alarm systems are clearly understood, and evacuation routes are accessible to all personnel relying upon them.

6.3 Emergency Medical Treatment and First Aid

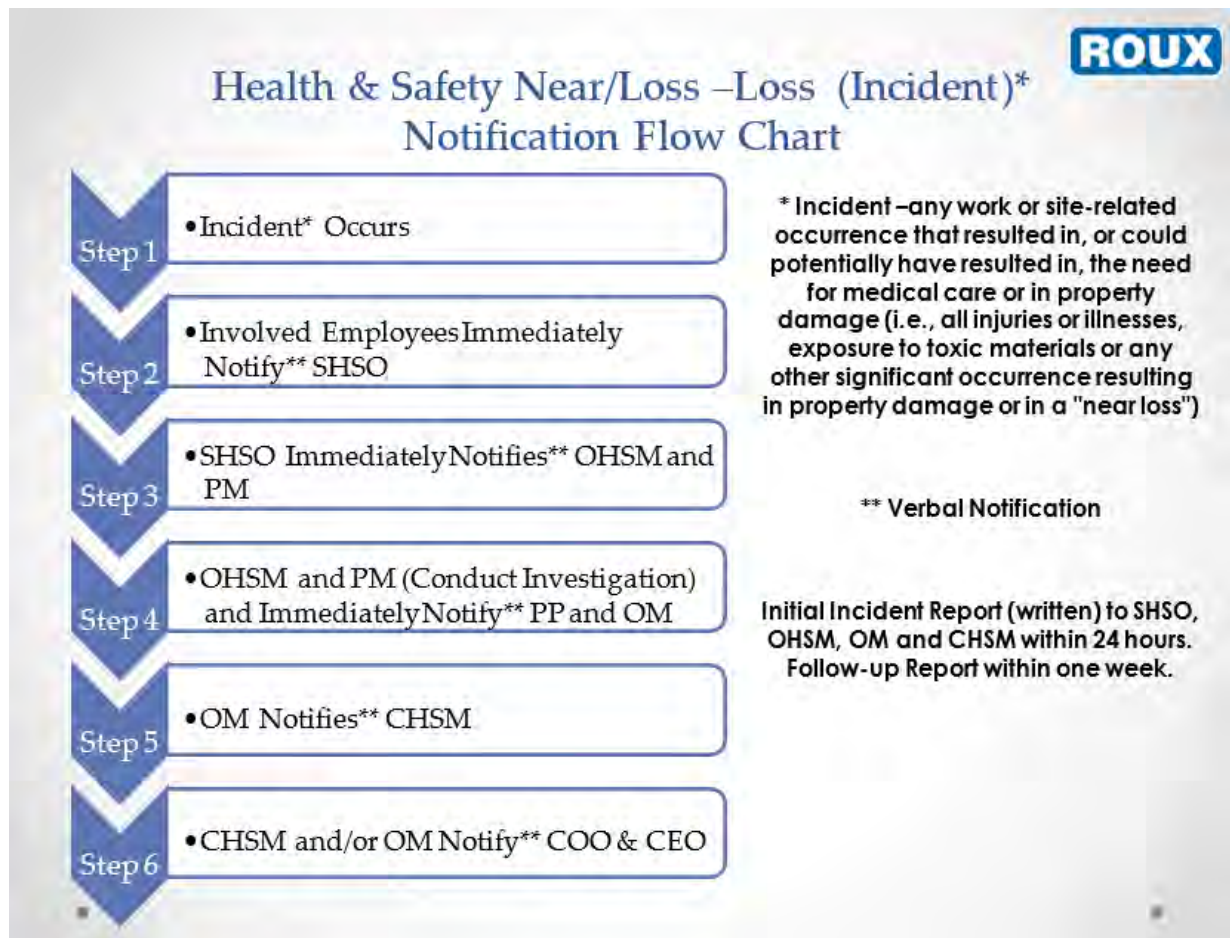
In the event of a work-related injury or illness, employees are required to follow procedures outlined below. All work-place injury and illness situations require Roux's Project and Corporate Management Team to be notified when an injury / illness incident occurs, and communication with the contracted Occupational Health Care Management Provider, AllOne Health, is initiated. The Injury/Illness Notification Flowchart is provided below and within Roux's Incident Investigation and Reporting program included as Appendix D.

If on-Site personnel require any medical treatment, the following steps will be taken:

- a. If medical emergency requires immediate, professional care, dial 911.
- b. Notify Roux's Project and Corporate Management Team for any work-related injury and/or illness occurrence, and communicate with the contracted Occupational Health Care Management Provider, AllOne Health, immediately following the notifications provided above.
- c. Based on discussions with the Project Team, Corporate Management and the AOH evaluation, if medical attention beyond on-Site First Aid is warranted, transport the injured / ill person (IP) to the Urgent Care Center, or notify the Fire Department or Ambulance Emergency service and request an

ambulance or transport the victim to the hospital, and continue communications with Corporate Management Team. An Urgent Care/Hospital Route map with location City MD and Mount Sinai Hospital is included as Figure 5.

- d. Decontaminate to the extent possible prior to administration of first aid or movement to medical or emergency facilities.
- e. First aid medical support will be provided by on-Site personnel trained and certified in First Aid, Cardio Pulmonary Resuscitation (CPR), Automatic External Defibrillation (AED), and Blood-Borne Pathogens (BBP) Awareness, until relieved by emergency medical services (EMS).
- f. The SHSO and Project Manager will perform a Loss Investigation (LI) and the Project Team will complete the final Loss Report. If a Roux employee is involved in a vehicular incident, the employee must also complete the Acord Automobile Loss Notice.



6.4 Adverse Weather Conditions

In the event of adverse weather conditions, the SHSO or project principal will determine if work can continue without sacrificing the health and safety of all field workers. Some of the items to be considered prior to determining if work should continue are:

- Potential for heat stress and heat-related injuries.
- Potential for cold stress and cold-related injuries.
- Treacherous weather-related conditions.

- Limited visibility.
- Electrical storm potential.

Site activities will be limited to daylight hours and acceptable weather conditions. Inclement working conditions include heavy rain, fog, high winds, and lightning. Observe daily weather reports and evacuate if necessary in case of inclement weather conditions.

6.5 Electrical Storm Guidelines

In the event that lightning and/or thunder are observed while working on-Site, all on-Site activities shall stop and personnel shall seek proper shelter (e.g., substantial building, enclosed vehicle, etc.). Work shall not resume until the threat of lightning has subsided and no lightning or thunder has been observed for 30 minutes. If the possibility of lightning is forecast for the day, advise the on-Site personnel on the risks and proper procedure at the pre-work safety briefing. Continuously monitor for changing weather conditions and allow enough time to properly stop work if lightning is forecast.

7. Safety Procedures

This section of the HASP presents the specific safety procedures to be implemented during Roux's activities at the Site in order to protect the health and safety of various on-Site personnel. Minimum OSHA-mandated procedures are presented first, followed by client- and Site-specific procedures. Lastly, activity-specific procedures are discussed. These Site- and activity-specific procedures supplement the general safety procedures included in Roux's Corporate Health and Safety Manual, which also must be followed in their entirety.

7.1 Training

At a minimum, Site personnel who will perform work in areas where there exists the potential for toxic exposure will be health and safety-trained prior to performing work on Site per OSHA 29 CFR 1910.120(e) and 29 CFR 1926.65(e). More specifically, all Roux, subcontractor, and other personnel engaged in sampling and remedial activities at the Site and who are exposed or potentially exposed to hazardous substances, health hazards, or safety hazards must have received at a minimum the 40 hour initial HAZWOPER training consistent with the requirements of 29CFR 1910.120(e)(3)(i) training and a minimum of 3 days' actual field experience under the direct supervision of a trained experienced supervisor, plus 8 hours of refresher training on an annual basis. Depending on tasks performed, less training may be permitted. Evidence of such training must be maintained at the Site at all times. Furthermore, all on-Site management and supervisory personnel directly responsible for or who supervise the employees engaged in Site remedial operations, must have received an additional 8 hours of specialized training at the time of job assignment on topics including, but not limited to, the employer's safety and health program and the associated employee training program, personal protective equipment program, spill containment program, and health hazard monitoring procedure and techniques, plus 8 hours of refresher training on an annual basis.

Roux personnel training records are maintained in a corporate database with records available upon request from either the OHSM/SHSO/CHSM or Human Resources Department.

7.2 Site-Specific Safety Briefings for Visitors

A Site-specific briefing is provided to all Site visitors who enter this Site beyond the Site entry point. For visitors, the Site-specific briefing provides information about Site hazards, the Site lay-out including work zones and places of refuge, the emergency alarm system and emergency evacuation procedures, and other pertinent safety and health requirements as appropriate.

7.3 HASP Information and Site-Specific Briefings for Workers

Site personnel review this HASP and are provided a Site-specific tailgate briefing prior to the commencement of work to ensure that employees are familiar with this HASP and the information and requirements it contains as well as relevant JSAs. Additional briefings are provided as necessary to notify employees of any changes to this HASP as a result of information gathered during ongoing Site characterization and analysis. Conditions for which we schedule additional briefings include, but are not limited to: changes in Site conditions, changes in the work schedule/plan, newly discovered hazards, and incidents occurring during Site work.

7.4 Medical Surveillance

The medical surveillance section of the Health and Safety Plan describes how worker health status is monitored at this Site. Medical surveillance is used when there is the potential for worker exposure to hazardous substance at levels above OSHA permissible exposure limits or other published limits. The purpose of a medical surveillance program is to medically monitor worker health to ensure that personnel are not adversely affected by Site hazards. The provisions for medical surveillance at this Site are based on the Site characterization and job hazard analysis found in Section 4 of this HASP and are consistent with OSHA requirements in 29 CFR 1910.120(f).

7.4.1 Site Medical Surveillance Program

Medical surveillance requirements are based on a worker's potential for exposure as determined by the Site characterization and job hazard analysis documented in Section 4 and JSAs within Appendix A of this HASP and in compliance with the requirements of 29 CFR 1910.120(f)(2). Based on Site information and use of direct reading instruments, limited use of respirators (less than 30 days per year), and the absence of an employee-staffed HAZMAT team, a limited medical surveillance program is required and implemented at this Site. The medical surveillance program provides that:

1. Workers assigned to tasks requiring the use of respirators receive medical examinations in accordance with 29 CFR 1910.134(e) to ensure they are physically capable to perform the work and use the equipment, and
2. If a worker is injured, becomes ill, or develops signs or symptoms of possible over-exposure to hazardous substance or health hazards, medical examinations are provided to that worker as soon as possible after the occurrence and as required by the attending physician.
3. These medical examinations and procedures are performed by or under the supervision of a licensed physician and are provided to workers free of cost, without loss of pay, and at a reasonable time and place. In addition, the need to implement a more comprehensive medical surveillance program will be re-evaluated after any apparent over-exposure.

7.4.2 Medical Recordkeeping Procedures

Medical recordkeeping procedures are consistent with the requirements of 29 CFR 1910.1020 and are described in the company's overall safety and health program. A copy of that program is available at our Islandia, NY office.

The following items are maintained in worker medical records:

- Respirator fit test and selection
- Physician's medical opinion of fitness for duty (pre-placement, periodic, termination)
- Physician's medical opinion of fitness for respirator protection (pre-placement, periodic)
- Exposure monitoring results

7.4.3 Program Review

The medical program is reviewed to ensure its effectiveness. The Corporate Health and Safety Manager in coordination with the Human Resources Director is responsible for this review. At minimum, this review consists of:

- Review of accident and injury records and medical records to determine whether the causes of accidents and illness were promptly investigated and whether corrective measures were taken wherever possible,

- Evaluation of the appropriateness of required medical tests based on-Site exposures, and
- Review of emergency treatment procedures and emergency contacts list to ensure they were Site-specific, effective, and current.

7.5 Personnel Protection

Site safety and health hazards are eliminated or reduced to the greatest extent possible through engineering controls and work practices. Where hazards are still present, a combination of engineering controls, work practices and PPE are used to protect employees. Appropriate personal protective equipment (PPE) shall be worn by Site personnel when there is a potential exposure to chemical hazards or physical hazards (e.g., falling objects, flying particles, sharp edges, electricity and noise), as determined by the SHSO. The level of personal protection, type and kind of equipment selected will depend on the hazardous conditions and in some cases cost, availability, compatibility with other equipment, and performance. An accurate assessment of all these factors will be made before work can be safely executed.

Roux maintains a comprehensive written PPE program that addresses proper PPE selection, use, maintenance, storage, fit and inspection. PPE to be used at the Site will meet the appropriate American National Standards Institute (ANSI) standards and the following OSHA (General Industry) standards for minimum PPE requirements.

The minimum level of PPE for entry onto the Site is Level D. The following equipment shall be worn:

- Work uniform (long pants, sleeved shirt)
- Hard hat
- Steel or composite toe work boots
- Safety Glasses (must comply with one of the following ANSI/ISEA Z87.1-2010, ANSI Z87.1-2003, ANSI Z87.1-2003)
- Boot Covers (as needed)
- Hearing Protection (as needed)
- High visibility clothing (shirt/vest)
- Hand Protection (e.g., minimum cut resistance meeting ANSI 105-2000 Level 2)

Note that jewelry shall be removed or appropriately secured to prevent it from becoming caught in rotating equipment or unexpectedly snagged on a fixed object. (e.g., wrist watches bracelets, rings, chains and necklaces, open earrings). Do not wear loose clothing and all shoulder length hair should be tied back.

Site specific PPE ensembles and materials are identified within task specific JSAs located within **Appendix A**, and any upgrades or downgrades of the level of protection (i.e., not specified in the JSA) must be immediately communicated to all Roux personnel and subcontractors as applicable. PPE is used in accordance with manufacturer's recommendations.

7.6 Monitoring

An air monitoring program is important to the safety of on- and off-Site personnel. A preliminary survey, to establish background conditions in the immediate sampling area, may be made prior to the initiation of Site work including, but not limited to, monitoring wind direction and approximate temperature during all invasive

Site activities. This survey will be conducted with the appropriate air monitoring instrument(s) as warranted by the field activity. Once this survey has been complete, any change in the type of PPE will be determined.

Air monitoring may be performed to verify that the proper level of equipment is used and to determine if increased protection or work stoppage is required. The following equipment may be used to monitor conditions:

- Photoionization Detector (PID)

Monitoring equipment will be calibrated in accordance with applicable regulatory requirements and manufacturer specifications. Below are monitoring action levels for Site-specific chemicals of concern. In the event that PID readings above the thresholds identified below are sustained for 5 minutes in the breathing zone, worker protection will require upgrading following notification to the OHSM and applicable parties (e.g., client, board of health, regulators, etc.).

PID Action Levels

Action Levels for Respiratory Protection	
PID Reading in Breathing Zone (ppm)	
<5	No Action
≥5 - <25	Level C
≥25	Cease Field Operations

7.7 Tailgate Safety Meetings

A designated Site worker will provide daily safety briefings (e.g., tailgate meetings) including, but not limited to, the following scenarios:

- When new operations are to be conducted;
- Whenever changes in work practices must be implemented; and
- When new conditions are identified and/or information becomes available.

Daily safety briefings shall be recorded on the Roux Daily Tailgate Health and Safety Meeting Log/Daily Site Safety Checklist, and all completed forms will become a part of the project file.

7.8 Spill Containment

Spill containment equipment and procedures should, at a minimum, meet the requirements of the facility's Spill Prevention, Control and Countermeasure Plan, if applicable. Otherwise, spill containment equipment and procedures must be considered depending on the task including, but no limited to, chemical/product transfer points and handling.

7.8.1 Initial Spill Notification and Response

Any worker who discovers a hazardous substance spill will immediately notify Noelle Clarke, Project Principal. The worker will, to his/her best ability, report the hazardous substance involved, the location of the

spill, the estimated quantity of material spilled, the direction/flow of the spill material, related fire/explosion incidents, and any associated injuries without compromising their own safety.

7.8.2 Spill Evaluation and Response

TDB is responsible for evaluating spills and determining the appropriate response. When this evaluation is being made, the spill area will be isolated and demarcated to the extent possible. If necessary to protect nearby community members, notification of the appropriate authorities is made by the PM as appropriate. On-Site response is limited to small spills (e.g., <10 gallons), large spills require external emergency responders who will be contacted by the SHSO.

7.9 Decontamination

The decontamination section of the HASP describes how personnel and equipment are decontaminated when they leave the Exclusion Zone. This section also describes how residual waste from decontamination processes is disposed. The Site decontamination procedures are designed to achieve an orderly, controlled removal or neutralization of contaminants that may accumulate on personnel or equipment. These procedures minimize worker contact with contaminants and protect against the transfer of contaminants to clean areas of the Site and off-Site. They also extend the useful life of PPE by reducing the amount of time that contaminants contact and can permeate PPE surfaces. Decontamination is facilitated within the contamination reduction zone at this Site.

7.9.1 Decontamination Procedures for Personnel and PPE

The following are general decontamination procedures established and implemented at this Site.

1. Decontamination is required for all workers exiting a contaminated area. Personnel may re-enter the Support Zone only after undergoing the decontamination procedures described below in the next section.
2. Protective clothing is decontaminated, cleaned, laundered, maintained and/or replaced as needed to ensure its effectiveness.
3. PPE used at this Site that requires maintenance or parts replacement is decontaminated prior to repairs or
4. PPE used at this Site is decontaminated or prepared for disposal on the premises. Personnel who handle contaminated equipment have been trained in the proper means to do so to avoid hazardous exposure.
5. This Site uses an off-Site laundry for decontamination of PPE. The Site has informed that facility of the hazards associated with contaminated PPE from this Site.
6. The Site requires and trains workers that if their permeable clothing is splashed or becomes wetted with a hazardous substance, they will immediately exit the work zone, perform applicable decontamination procedures, shower, and change into uncontaminated clothing.
7. Procedures for disposal of decontamination waste meet applicable local, State, and Federal regulations.

7.9.2 Decontamination Procedures for Equipment

All tools, equipment, and machinery from the Exclusion Zone or CRZ are decontaminated in the CRZ prior to removal to the Support Zone. Equipment decontamination procedures are designed to minimize the potential for hazardous skin or inhalation exposure and to avoid cross-contamination and chemical incompatibilities.

General Equipment Decontamination Procedures:

1. Decontamination is required for all equipment exiting a contaminated area. Equipment may re-enter the Support Zone only after undergoing the equipment decontamination procedures.
2. Vehicles that travel regularly between the contaminated and clean areas of the Site are carefully decontaminated each time they exit the Exclusion Zone and the effectiveness of that decontamination is monitored to reduce the likelihood that contamination will be spread to other parts of the Site.
3. Particular attention is given to decontaminating tires, scoops, and other parts of heavy equipment that are directly exposed to contaminants and contaminated soil.

The following items may be used to decontaminate equipment:

- Fresh water rinse;
- Non-phosphorus detergent wash;
- Distilled water rinse;
- Acetone rinse;
- Distilled water rinse; and
- A steam cleaner or pressure washer (heavy equipment only)

7.9.3 Monitoring the Effectiveness of Decontamination Procedures

Visual examination and sampling are used to evaluate the effectiveness of decontamination procedures. Visual examination is used to ensure that procedures are implemented as described and that they appear to control the spread of contaminants under changing site conditions. Visual examination is also used to inspect for signs of residual contamination or for contaminant permeation of PPE.

Personnel who work in contaminated areas of the Site, either the Contamination Reduction Zone (CRZ) or the Exclusion Zone, are trained in the principles and practices of decontamination described in this section of the HASP and in related SOPs. If Site procedures are changed as a result of inspection and monitoring, all affected employees are notified of these changes.

7.10 Confined Space Entry

Confined entry will not be performed at the Site. The following is a list of the safety requirements for confined space entry at the Site.

- **ROUX PERSONNEL ARE NOT AUTHORIZED TO ENTER AN OSHA PERMIT REQUIRED CONFINED SPACE;**
- Currently the scope of work **DOES NOT** require personnel to enter permitted confined space for this project; and
- Any changes to the field activities that may necessitate confined space entry will be reported to the Project Principal and OHSM.

Confined space is defined as any space, depression, or enclosure that:

- Has limited opening for entry and egress;
- Is large enough for an employee to enter and perform assigned work; and
- Is not intended for continuous occupancy.

A permit required confined space is one that meets the definition of a confined space and has one or more of the following characteristics:

- May contain or produce life-threatening atmospheres due to oxygen deficiency the presence of toxic, flammable, or corrosive contaminants;
- Contains a material that has the potential for engulfment;
- Has an internal configuration that may cause an entrant to be trapped or asphyxiated by inwardly converging walls or by a floor that slopes downward and tapers to a smaller cross-section; and
- Contains any other serious safety or health hazards.

Although Roux personnel will not perform confined space entry, it is expected that subcontractors performing cleaning and mitigation and/or remedial measures activities may be required to enter structures that are considered to be a permit required confined space. Permitting of the confined space as well as hazard mitigation for entry will be completed by the subcontractor in accordance with 1910.146.

7.11 Client and Site-Specific

In addition to the OSHA-specific procedures discussed above, there may be client and Site-specific safety procedures that must be adhered to during the performance of remedial activities at the Site.

7.12 Unusual or Significant Risks

Field activities that appear to have unusual or significant risks that cannot be adequately managed with existing risk tools such as LPS, HASPs, traffic safety plans, work permits, design and O&M practices, equipment HAZOPS or other safety tools must be referred to the CHSM to help with the assessment and management of the associated potential safety risks. Examples include the use of explosives for demolition, use of firearms to control wildlife, rappelling, demolition over water, etc.

7.13 Activity-Specific

In addition to the general hazards discussed above, there are activity-specific hazards associated with each work activity planned for the Site. An activity-specific JSA has been completed for each of the activities planned for the Site. JSAs are provided in **Appendix A**. In the event that new work activities or tasks are planned, JSAs will be developed and implemented prior to performing the new activities. In the absence of a JSA, the personnel performing work must prepare a field JSA and receive clearance from a designated competent safety official prior to performing any task with significant risk. In emergency situations where time is critical SPSAs will be utilized to identify the task, associated hazards and mitigative actions to take. For lower risk activities (as deemed by the discretion of a Competent Person) where a JSA is determined to not be needed, the individual(s) conducting the activities must perform SPSAs prior to and during the work.

8. Field Team Review

Each person performing work at or visiting this Site shall sign this section after Site-specific training is completed and before being permitted to access the CRZ or Exclusion Zone.

I have read and understand this Site-Specific Health and Safety Plan. I will comply with the provision contained therein.

Site/Project: Sendero Verde Redevelopment Project – Parcel B

[illegible]

9. Approvals

By their signature, the undersigned certify that this HASP is approved and will be utilized at the Sendero Verde Redevelopment Project – Parcel B Site.

TBD – Site Health and Safety Officer

Date

Levi Curnette – Office Health and Safety Manager

Date

Julie Moriarity – Project Manager

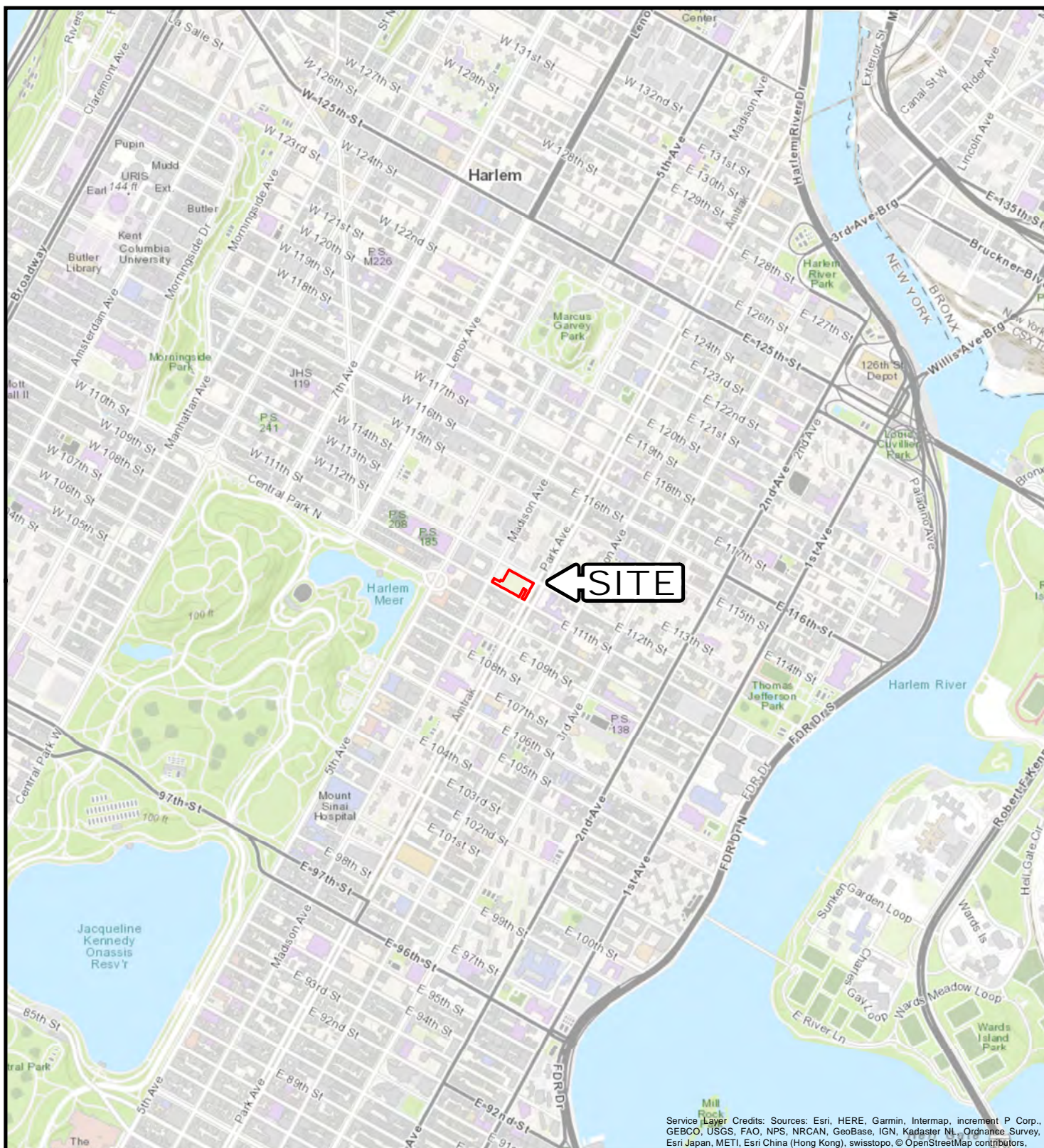
Date

Noelle Clarke – Project Principal

Date

FIGURES

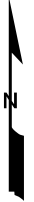
1. Site Location Map
2. Site Setting Site Plan
3. Site Plan
4. Emergency Meeting Location
5. Emergency Route Map



750 0 750 Feet

1





LEGEND

SITE BOUNDARY

2500250

Feet


Title:

SITE SETTING

SENDERO VERDE REDEVELOPMENT
PROJECT – PARCEL B

Prepared For:

SV-B OWNERS LLC



Compiled by: J.M.

Prepared by: M.S.R.

Project Mgr: J.M.

File: 2984.0001Y102.2.mxd

Date: 20NOV18

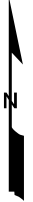
Scale: AS SHOWN

Project: 2984.0001Y000


FIGURE

2





LEGEND

 SITE BOUNDARY

2002040Feet


Title:

SITE PLAN

SENDERO VERDE REDEVELOPMENT
PROJECT – PARCEL B

Prepared For:

SV–B OWNERS LLC



Compiled by: J.M.

Prepared by: M.S.R.

Project Mgr: J.M.

File: 2984.0001Y102.3.mxd

Date: 20NOV18

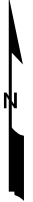
Scale: AS SHOWN

Project: 2984.0001Y000


FIGURE


3






LEGEND

 EMERGENCY MEETING LOCATION

 SITE BOUNDARY

20 0 20 40 Feet




Title:

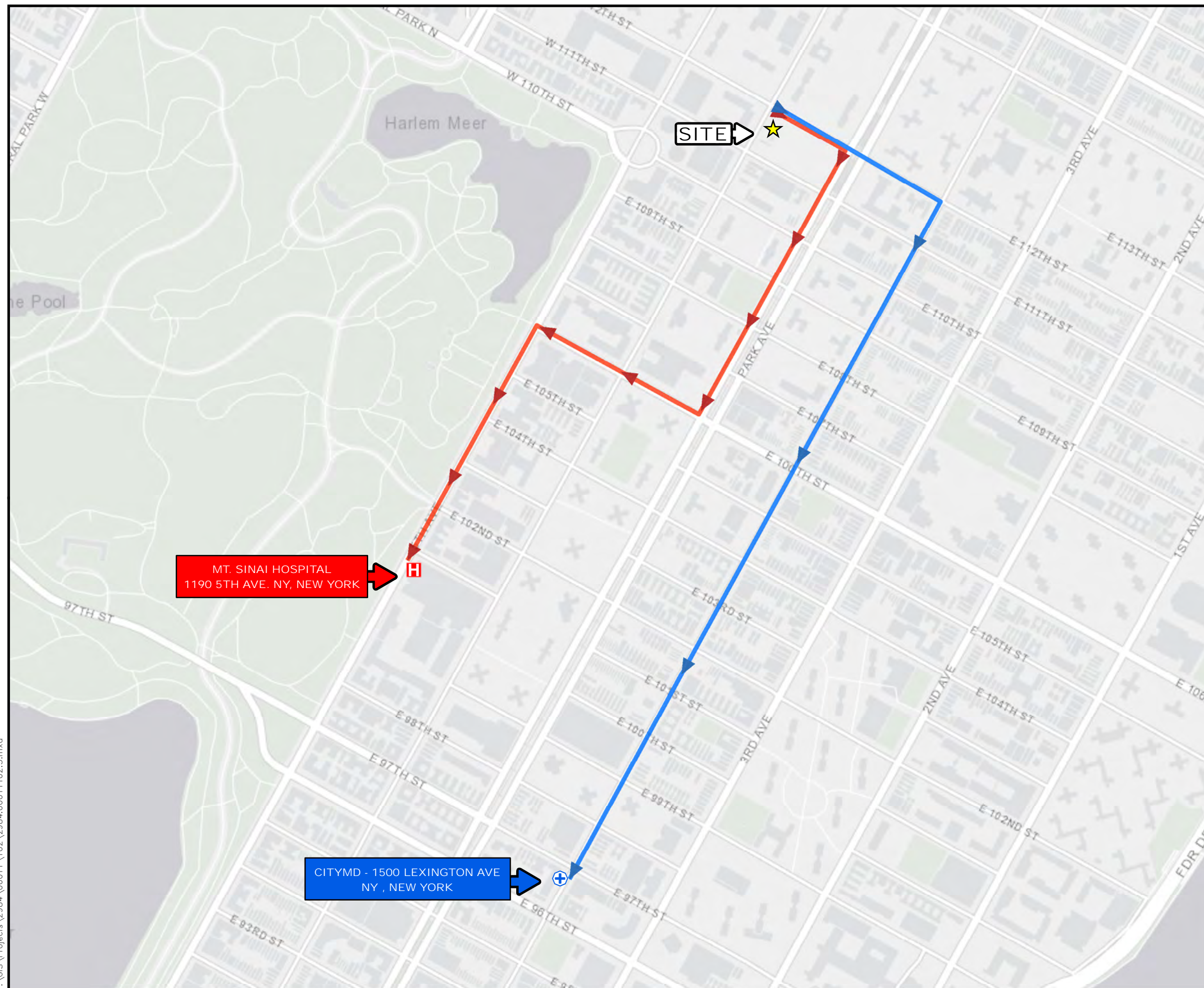
EMERGENCY MEETING LOCATION

SENDERO VERDE REDEVELOPMENT
PROJECT – PARCEL B

Prepared For:

SV–B OWNERS LLC

	Compiled by: J.M.	Date: 20NOV18	FIGURE 4
	Prepared by: M.S.R.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2984.0001Y000	
	File: 2984.0001Y102.4.mxd		

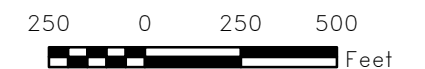


DIRECTIONS TO HOSPITAL

1. HEAD SOUTHEAST ON EAST 112TH STREET
(144 FEET)
2. TURN RIGHT ONTO PARK AVENUE (0.3 MILES)
3. TURN RIGHT ONTO EAST 106TH STREET
(0.2 MILES)
4. TURN LEFT ONTO 5TH AVENUE (0.3 MILES)
5. MOUNT SINAI HOSPITAL WILL BE ON THE LEFT

DIRECTIONS TO CITYMD

1. HEAD SOUTHEAST ON EAST 112TH STREET
(0.1 MILES)
2. TURN RIGHT ONTO LEXINGTON AVENUE (0.8 MILES)
3. CITYMD WILL BE ON THE RIGHT



Title:

EMERGENCY ROUTE MAP

SENDERO VERDE REDEVELOPMENT
PROJECT - PARCEL B

Prepared For:

SV-B OWNERS LLC



Compiled by: J.M.	Date: 20NOV18
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: J.M.	Project: 2984.0001Y000
File: 2984.0001Y102.5.mxd	

FIGURE

5

APPENDICES

- A. Job Safety Analysis (JSA) Forms
- B. Site-Specific Emergency Response Plan & Routes to Urgent Care and Emergency Medical Facilities
- C. SDSs for Chemicals Used
- D. Incident Investigation and Reporting Program
- E. Heavy Equipment Exclusion Zone Policy
- F. Subsurface Utility Clearance Management Program
- G. Personal Protective Equipment Management Program

APPENDIX A

Job Safety Analysis (JSA) Forms

JOB SAFETY ANALYSIS		Ctrl. No. GEN-006	DATE 1/4/2018	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
JSA TYPE CATEGORY: Generic		WORK TYPE: Drilling	WORK ACTIVITY (Description): Direct Push Soil Borings / Well Installation		
DEVELOPMENT TEAM	POSITION / TITLE	REVIEWED BY:	POSITION / TITLE		
Timothy Zei	Project Hydrogeologist	Raymond Olson	Staff Assistant Geologist		
		Christine Pietrzyk	Office Health & Safety Manager		
		Brian Hobbs	Senior Health & Safety Manager		
		Joe Gentile	Corporate Health & Safety Manager		
REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT					
<input type="checkbox"/> LIFE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / BODY HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES	<input type="checkbox"/> GOGGLES <input type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION: (as needed) <input checked="" type="checkbox"/> SAFETY SHOES: <u>Composite-toe or steel toe boots</u>	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING: <u>Fluorescent reflective vest or high visibility clothing, Long Sleeve Shirt</u>	<input checked="" type="checkbox"/> GLOVES: <u>Leather, Nitrile and cut resistant</u> <input checked="" type="checkbox"/> OTHER: <u>Insect Repellent, sunscreen (as needed)</u>		
REQUIRED AND / OR RECOMMENDED EQUIPMENT					
Geoprobe or Truck-Mounted Direct Push Drill Rig, Hand Tools, Photoionization Detector, Multi-Gas Meter (or equivalent), Macrocore liners, Liner Opening Tool, 20 lb. Type ABC Fire Extinguisher, 42" Cones & Flags, "Work Area" Signs, Water					
COMMITMENT TO SAFETY- All personnel onsite will actively participate in hazard recognition and mitigation throughout the day by verbalizing SPSAs					
EXCLUSION ZONE (EZ) – All non-essential personnel will maintain a distance of 10 feet from drilling equipment while equipment is moving/engaged					
"SHOW ME YOUR HANDS"					
Driller and helper should show that hands are clear from controls and moving parts					
Assess *JOB STEPS	Analyze *POTENTIAL HAZARDS	Act *CRITICAL ACTIONS			
1. Mobilization of drilling rig (ensure the Subsurface Clearance Protocol and Drill Rig Checklist are completed)	1a. CONTACT: Equipment/property damage. 1b. FALL: Slip/trip/fall hazards. 1c. CONTACT: Crushing from roll-over.	1a. The drill rig's tower/derrick will be lowered and secured prior to mobilization. 1a. A spotter should be utilized while moving the drill rig. If personnel move into the path of the drill rig, the drill rig will be stopped until the path is again clear. Use a spotter for all required backing operations. 1a. Set-up the work area and position equipment in a manner that eliminates or reduces the need for backing of support trucks and trailers. 1a. When backing up truck rig with an attached trailer use a second spotter if there is tight clearance simultaneously on multiple sides of the equipment or if turning angles limit driver visibility. 1a. Inspect the driving path for uneven terrain. Level or avoid if needed. 1a. Drill rig should have a minimum exclusion zone of 10 feet for non-essential personnel (i.e., driller helper, geologist) when the rig is moving/ in operation. 1b. Inspect walking path for uneven terrain, weather-related hazards (i.e., ice, puddles, snow, etc.), and obstructions prior to mobilizing equipment. 1b. Do not climb over stored materials/equipment; walk around. Practice good housekeeping. 1b. Use established pathways and walk on stable, secure ground. 1c. Geoprobe should cross all hills/obstructions head on with the mast down to reduce risk of roll-over.			
2. Raising tower/derrick of drill rig	2a. CONTACT: Overhead hazards. 2b. CONTACT: Pinch Points/Amputation Points when raising the rig and instability of rig	2a. Prior to raising the tower/derrick, the area above the drilling rig will be inspected for wires, tree limbs, piping, or other structures, that could come in contact with the rig's tower and/or drilling rods or tools. 2a. Maintain a safe distance of 10' from overhead structures. 2b. Inspect the equipment prior to use and avoid pinch/amputation points. 2b. Lower outriggers to ensure stability prior to raising rig tower/derrick. 2b. If the rig needs to be mounted, be sure to use three points of contact.			
3. Advancement of drilling equipment and well installation	3a. CONTACT: Flying debris 3b. EXPOSURE: Noise and dust.	3a. Be aware of and avoid potential lines of fire and wear required PPE such as eye, ear, and hand protection. 3b. Wet borehole area with sprayer to minimize dust. 3b. Stand upwind and keep body away from rig. 3b. Dust mask should be worn if conditions warrant. 3b. Wear hearing protection when the drill rig is in operation.			

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³ Using the first two columns as a guide, decide what actions or procedures are necessary to eliminate or minimize the risk. List the recommended safe operating procedures. Say exactly what needs to be done - such as "use two persons to lift". Avoid general statements such as, "be careful".

Assess 1JOB STEPS	Analyze 2POTENTIAL HAZARDS	Act 3CRITICAL ACTIONS
3. Advancement of drilling equipment and well installation (Continued)	<p>3a. CONTACT: Flying debris</p> <p>3b. EXPOSURE: Noise and dust.</p> <p>3c. FALL: Slip/trip/fall hazards.</p> <p>3d. CAUGHT: Limb/extremity pinching; abrasion/crushing.</p> <p>3e. CONTACT: Equipment imbalance during advancement of drill equipment.</p> <p>3f. EXPOSURE: Inhalation of contamination/vapors.</p> <p>3g. EXERTION: Potential for muscle strain/injury while lifting and installing well casings, lifting sand bags, and/or lifting rods.</p>	<p>3c. Contain drill cuttings and drilling water to prevent fall hazards from developing in work area.</p> <p>3c. See 1b.</p> <p>3d. Ensure all Emergency Safety Stop buttons function properly.</p> <p>3d. Always wear leather gloves when making connections and using hand tools; wear cut-resistant (i.e., Kevlar) gloves when handling cutting tools.</p> <p>3d. Inspect the equipment prior to use for potential pinch/amputation points. Keep hands away from pinch/amputation points and use of tools is preferable compared to fingers and hands.</p> <p>3d. Inspect drill head for worn surface or missing teeth; replace if damaged or blunt.</p> <p>3d. Ensure all jewelry is removed, loose clothing is secured, and PPE is secured close to the body.</p> <p>3d. All non-essential personnel should stay away from the immediate work area; position body out of the line-of-fire of equipment.</p> <p>3d. Drillers and helpers will understand and use the "Show Me Your Hands" Policy.</p> <p>3d. Spinning rods/casing have an exclusion zone of 10 feet while in operation.</p> <p>3e. Drillers will advance the borehole with caution to avoid causing the rig to become imbalanced and/or tip.</p> <p>3e. The blocking and leveling devices used to secure the rig will be inspected by drillers and Roux personnel regularly to see if shifting has occurred.</p> <p>3e. In addition, personnel and equipment that are non-essential to the advancement of the borehole will be positioned away from the rig at a distance that is at least as far as the boom is high (minimum exclusion zone of 10 feet).</p> <p>3f. Monitor ambient air for dangerous conditions using a calibrated photoionization detector (PID) to periodically monitor the breathing zone of the work area.</p> <p>3f. If a reading of >5ppm is recorded, the Roux field personnel must temporarily cease work, instruct all Site personnel to step away from the area of elevated readings and inform the Roux PM of the condition. The Roux PM will then recommend additional precautions in accordance with the site specific health and safety plan.</p> <p>3f. Use a multi-gas meter to monitor ambient air for dangerous conditions (i.e. unsafe levels of carbon monoxide when drilling indoors or the presence of explosive vapors).</p> <p>3g. Keep back straight and bend at the knees.</p> <p>3g. Utilize team lifting for objects over 50lbs.</p> <p>3g. Use mechanical lifting device for odd shaped objects.</p>
4. Remove sample liner.	<p>4a. EXERTION: Potential for muscle strain/injury while removing liner from probe rod.</p> <p>4b. CONTACT: Pinch points and cuts</p> <p>4c. EXPOSURE: Inhalation and/or dermal contact with contaminants.</p>	<p>4a. Utilize team lifting for objects over 50lbs.</p> <p>4a. Use hydraulic liner extruder if available.</p> <p>4b. Place liner on sturdy surface when opening.</p> <p>4b. Don cut-resistant gloves and use appropriate liner cutter when opening liners.</p> <p>4b. Always cut away from the body.</p> <p>4c. Wear chemical-resistant disposable gloves when handling liners.</p> <p>4c. See 3e.</p>
5. Decontaminate equipment.	<p>5a. EXPOSURE/CONTACT: To contamination (e.g., Separate Phase Hydrocarbons (SPH), contaminated groundwater, vapors).</p> <p>5b. EXPOSURE: To chemicals in cleaning solution including ammonia.</p>	<p>5a. Wear chemical-resistant disposable gloves and safety glasses.</p> <p>5a. Contain decontamination water so that it does not spill.</p> <p>5a. Use an absorbent pad to clean spills, if necessary.</p> <p>5a. Spray equipment from side angle, not straight on, to avoid backsplash.</p> <p>5a. See 3b.</p> <p>5b. See 4a. Review SDS to ensure appropriate precautions are taken and understood.</p>

¹ Each Job or Operation consists of a set of tasks / steps. Be sure to list all the steps needed to perform job.

² A hazard is a potential danger. Break hazards into five types: Contact - victim is struck by or strikes an object; Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy Source – electricity, pressure, compression/tension.

³ Using the first two columns as a guide, decide what actions or procedures are necessary to eliminate or minimize the risk. List the recommended safe operating procedures. Say exactly what needs to be done - such as "use two persons to lift". Avoid general statements such as, "be careful".

JOB SAFETY ANALYSIS		Ctrl. No. GEN-009	DATE: 1/4/2018	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 1
JSA TYPE CATEGORY Generic		WORK TYPE O&M		WORK ACTIVITY (Description) Movement of 55-Gallon Drums/Drum Handling with Mobile Carrier	
DEVELOPMENT TEAM		POSITION / TITLE		REVIEWED BY:	POSITION / TITLE
Michael Sarni		Technician		Brian Hobbs	Senior Health & Safety Manager
				Joe Gentile	Corporate Health & Safety Manager
REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT					
<input type="checkbox"/> LIFE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / BODY HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES		<input type="checkbox"/> GOGGLES <input type="checkbox"/> FACE SHIELD <input type="checkbox"/> HEARING PROTECTION <input checked="" type="checkbox"/> SAFETY SHOES: <u>Steel or composite toe</u>		<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING: <u>Fluorescent long sleeve shirt or long sleeve shirt and reflective safety vest.</u>	<input checked="" type="checkbox"/> GLOVES: <u>Cut-resistant gloves</u> <input type="checkbox"/> OTHER:
REQUIRED AND / OR RECOMMENDED EQUIPMENT					
Mobile Drum Carrier, safety cones, and caution tape					
COMMITMENT TO SAFETY- All personnel onsite will actively participate in hazard recognition and mitigation throughout the day by verbalizing SPSAs					
EXCLUSION ZONE (EZ): A 10-foot exclusion zone will be maintained around heavy equipment (i.e. forklift).					
Assess 1JOB STEPS		Analyze 2POTENTIAL HAZARDS		Act 3CRITICAL ACTIONS	
1. Preparing for and Inspection of Drum		1a. FALL: Tripping/falling due to uneven surface. Loose debris/garbage in work area. 1b. CONTACT/EXPOSURE: Drums could potentially be damaged or contain hazardous material. Mobile drum carrier could potentially be in poor working condition causing malfunctioning during operation. 1c. EXERTION/CAUGHT: Potential pinching/exertion hazards while securing ring/tightening bolts		1a. Clear area of loose garbage and debris. Inspect 55-gal drums for proper condition, labeling, check drum ring and bolts for tightness, inspect mobile drum carrier. 1a. Do a Test Lift to get a general sense of the weight of the drum. 1a. Inspect and use established pathways to avoid uneven terrain, weather-related hazards (i.e., debris, puddles, ice, etc.), and other obstructions. 1a. Secure work area and coordinate and communicate the planned work activities with other personnel working in the area. 1a. Delineate work area with 42" safety cones. 1b. Prior to inspecting drums don cut-resistant gloves. If drum is not properly labeled, do not open and cease all drum transport activities. Immediately contact project manager and inform him/her of drum situation. 1b. Do not continue drum transport activities until further actions are determined by the project manager. 1b. If the drum is properly labeled, but leaking, improperly sealed or in poor condition, place drum in an over-pack drum. 1b. Inspect mobile drum carrier to ensure its overall integrity. Look for rust marks or potential weak points where the drum carrier could malfunction. Inspect the wheels to ensure that they easily turn and nothing is impeding their movement. 1c. Keep back straight and knees slightly bent while securing drum ring/tightening bolt. Wear cut-resistant gloves.	
2. Position drum clamp tightly in between drum ribs, securing drum clamp to drum with chain		2a. CAUGHT: Pinching fingers between drum clamp and handle/chain.		2a. Attach drum clamp with chain and tighten until snug. Do not place hands between drum clamp and drum as the chain is tightened; wear cut resistant gloves. Keep face away from drum when handling in case of escaping vapors.	

¹ Each Job or Operation consists of a set of tasks / steps. Be sure to list all the steps needed to perform job.

² A hazard is a potential danger. Break hazards into six types: Contact - victim is struck by or strikes an object;

Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy source - electricity, pressure, compression/tension.

³ Using the first two columns as a guide, decide what actions or procedures are necessary to eliminate or minimize the risk. List the recommended safe operating procedures. Say exactly what needs to be done - such as "use two persons to lift." Avoid general statements such as, "be careful."

Assess ¹ JOB STEPS	Analyze ² POTENTIAL HAZARDS	Act ³ CRITICAL ACTIONS
3. Disengage safety latches on handle, pull handle down until drum is lifted off ground and safety latches are reengaged; slightly suspending drum off the ground	3a. EXERTION/ CONTACT: Potential muscle strain associated with lifting/engaging drum/handle. Drum could shift/slip downward and crush toes. 3b. CAUGHT: Fingers could be pinched while engaging/disengaging safety latches on handle	3a. Ascertain whether the drum is overweight; if it is, then two people are needed to lower handle while drum is secured with clamp so that safety latches can be engaged. Keep body out of the line of fire of the handle (do not position head above handle) as it is being pushed down. Do not allow feet/toes to be positioned under the drum as it is being lifted; wear steel/composite toe boots. 3b. Wear cut-resistant gloves while disengaging/reengaging safety latches. 3b. Avoid placing hands in pinch points.
4. Transport drums to designated location and disengage drum clamp (repeat Step 3 in reverse order)	4a. FALL: Tripping/ falling due to obstructions and uneven terrain. Potential for drum to fall during transport.	4a. Ensure transport path is free of potential obstructions that may cause the drum/carrier to become unstable. Position drum clamp between the ribs on the drum to prevent possible slipping.

¹ Each Job or Operation consists of a set of tasks / steps. Be sure to list all the steps needed to perform job.

² A hazard is a potential danger. Break hazards into six types: Contact - victim is struck by or strikes an object;

Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy source – electricity, pressure, compression/tension.

³ Using the first two columns as a guide, decide what actions or procedures are necessary to eliminate or minimize the risk. List the recommended safe operating procedures. Say exactly what needs to be done - such as "use two persons to lift." Avoid general statements such as, "be careful."

² A hazard is a potential danger. Break hazards into five types: Contact - victim is struck by or strikes an object; Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy Source – electricity, pressure, compression/tension.

³ Using the first two columns as a guide, decide what actions or procedures are necessary to eliminate or minimize the risk. List the recommended safe operating procedures. Say exactly what needs to be done - such as "use two persons to lift." Avoid general statements such as, "be careful."

Assess ¹ JOB STEPS	Analyze ² POTENTIAL HAZARDS	Act ³ CRITICAL ACTIONS
3. Pre-clearing with air knife and soil vacuum, and/or clearance with hand tools (continued)	<p>3d. ERGONOMICS: (continued) Poor body positioning when handling equipment and materials.</p> <p>3e. FALL: Tripping/falling due to uneven terrain, weather conditions, and materials/equipment stored at the Site.</p> <p>3f. CAUGHT: Pinch points or amputation points associated with the equipment and vacuum hose.</p> <p>3g. EXPOSURE: Noise from vac truck and/or air compressor.</p>	<p>3d. Ensure that loads are balanced to reduce the potential for muscle strain.</p> <p>3d. Two people or a mechanical lifting aid are required when lifting objects over 50 lb. or when the shape makes the object difficult to lift.</p> <p>3e. Inspect walking path for uneven terrain, weather-related hazards (e.g., ice, puddles, snow, etc.), and obstructions prior to mobilizing equipment.</p> <p>3e. Walk around any stored materials/equipment; do not climb over. Practice good housekeeping.</p> <p>3e. Use established pathways and walk on stable, secure ground.</p> <p>3e. Equipment and tools will be stored at the lowest point of potential energy and out of the walkway and immediate work area (i.e., tools should not be propped against walls or nearby equipment or vehicles).</p> <p>3e. Equipment and tools that are not anticipated to be used will be returned to a storage area that is out of the immediate work area.</p> <p>3e. Ensure power cords/hoses are grouped when used within the work area. Mark out cords/hoses that cross pathways with traffic cones.</p> <p>3e. Ensure all Site personnel and equipment stay a minimum of 2 feet from an open hole. Mark out open holes with traffic cones/caution tape, etc.</p> <p>3e. Pre-cleared location will be finished flush to grade as to prevent a slip/trip hazard.</p> <p>3f. Always wear cut-resistant gloves when making connections and using hand tools.</p> <p>3f. Inspect the equipment prior to use for potential pinch points.</p> <p>3f. Test all emergency shutdown devices prior to using equipment.</p> <p>3f. Ensure all jewelry is removed, loose clothing is secured, and PPE is secured close to the body.</p> <p>3f. All non-essential personnel shall maintain a 10 foot exclusion zone; position body out of the line-of-fire.</p> <p>3f. Drillers and helpers will understand and use the "Show Me Your Hands Policy".</p> <p>3g. Wear hearing protection when vac truck and air compressor are in operation. Otherwise, if sound levels exceed 85 dB, don hearing protection.</p>
4. Move drum to staging area using drum cart.	<p>4a. EXPOSURE/CONTACT: Contamination (e.g., Separate Phase Hydrocarbons (SPH), contaminated groundwater, soil).</p> <p>4b. ERGONOMICS: Muscle strain while maneuvering drums with drum cart/lift gate.</p> <p>4c. CAUGHT: Pinch points or amputation points associated with handling drum lid.</p>	<p>4a. Wear chemically resistant gloves (i.e., Nitrile; worn in addition to cut resistant gloves).</p> <p>4a. Do not overfill drums. Ensure that the drum lids are attached securely.</p> <p>4a. Stage all drums in the designated storage area (per Roux Project Manager) and ensure they are labeled.</p> <p>4b. See 3d. Do not overfill drums. Use lift gate on back of truck to load and unload drums or drum cart to transport drums.</p> <p>4c. Ensure that fingers are not placed under the lid of the drum. Wear cut-resistant gloves. Use 15/16" ratchet while sealing drum lid.</p>
5. Decontaminate equipment and tools.	<p>5a. EXPOSURE/CONTACT: To contamination (e.g., Separate Phase Hydrocarbons (SPH), contaminated groundwater, vapors).</p> <p>5b. EXPOSURE: To chemicals in cleaning solution.</p>	<p>5a. See 4a.</p> <p>5a. Contain decontamination water (closed lid) so that it does not spill.</p> <p>5a. Use an absorbent pad to clean spills, if necessary.</p> <p>5a. Store all impacted materials/PPE in a designated storage container (per Roux Project Manager) and ensure the container is labeled.</p> <p>5b. See 4a.</p>

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Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy Source - electricity, pressure, compression/tension.

³ Using the first two columns as a guide, decide what actions or procedures are necessary to eliminate or minimize the risk. List the recommended safe operating procedures. Say exactly what needs to be done - such as "use two persons to lift". Avoid general statements such as, "be careful".

JOB SAFETY ANALYSIS Ctrl. No. GEN-013		DATE 1/4/2018	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
JSA TYPE CATEGORY Generic	WORK TYPE: Gauging and Sampling	WORK ACTIVITY (Description): Gauging and Sampling		
DEVELOPMENT TEAM	POSITION / TITLE	REVIEWED BY:	POSITION / TITLE	
Brandon Tufano	Staff Geologist	Brian Hobbs	Senior Health & Safety Manager	
		Joe Gentile	Corporate Health & Safety Manager	
REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT				
<input checked="" type="checkbox"/> LIFE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / BODY HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES	<input type="checkbox"/> GOGGLES <input type="checkbox"/> FACE SHIELD <input type="checkbox"/> HEARING PROTECTION <input checked="" type="checkbox"/> SAFETY SHOES: <u>Composite-toe or steel toe boots</u>	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING: <u>Fluorescent reflective vest or high visibility clothing</u>	<input checked="" type="checkbox"/> GLOVES: <u>Leather, Nitrile and cut resistant</u> <input checked="" type="checkbox"/> OTHER: <u>Knee pads, Insect Repellent, sunscreen (as needed)</u>	
REQUIRED AND / OR RECOMMENDED EQUIPMENT				
42-inch Safety Cones, Caution Tape, Interface Probe and/or Water Level Meter, 20-lb., Type ABC Fire Extinguisher, Buckets. Tools as needed: Socket Wrench, Screw Driver, Crow Bar, Mallet, and Wire Brush.				
COMMITMENT TO SAFETY- All personnel onsite will actively participate in hazard recognition and mitigation throughout the day by verbalizing SPSAs				
Assess 1JOB STEPS	Analyze 2POTENTIAL HAZARDS	Act 3CRITICAL ACTIONS		
1. Mobilization to monitoring well(s).	1a. FALL: Personal injury from slip/trip/fall due to uneven terrain and/or obstructions. 1b. CONTACT: With traffic/third parties. 1c. EXERTION: Muscle strain from lifting equipment 1d. EXPOSURE: To biological hazards.	1a. Inspect pathway and plan for most suitable designated pathway prior to mobilization. 1a. Use established pathways, walk and/or drive on stable, secure ground and avoid steep hills or uneven terrain. 1a. If working near open water with an unguarded edge, wear life vest. 1b. Identify potential traffic sources and delineate work area with 42-inch traffic safety cones. Position vehicle to protect against oncoming traffic. Use caution tape to provide a more visible delineation of the work area if necessary. 1b. Wear appropriate PPE including high visibility clothing or reflective vest. 1b. Face traffic, maintain eye contact with oncoming vehicles, and establish a safe exit route. 1c. Use proper lifting techniques when handling/moving equipment; bend knees and keep back straight. 4c. Use mechanical assistance or team lifting techniques when equipment is 50 lbs. or heavier. 4c. Make multiple trips to carry equipment. 1d. Inspect work area for bees and insects. 1d. Use insect/tick repellent as necessary.		
2. Open/close well.	2a. EXERTION: Muscle strain. 2b. CAUGHT: Pinch/crush points associated with removing/replacing manholes and working with hand tools. 2c. CAUGHT: Pinch points associated with placing J-plug back onto PVC pipe. 2d. EXPOSURE: To potential hazardous vapors.	2a. Use proper lifting techniques; keep back straight, lift with legs and bend knees when reaching to open/close well. 2b. Wear leather gloves or cut resistant gloves when working with well cover and hand tools. 2b. Use proper tools (ratchet and pry bar for well cover) and inspect before use. 2b. Do not put fingers under well cover. 2c. See 2b. 2c. Keep fingers out of line-of-fire when securing cap. 2d. No open flames/heat sources. 2d. To minimize exposure to vapors, allow well to vent after opening it and before sampling activities begin. 2d. Stand up-wind, if possible, to avoid inhaling vapors.		
3. Gauge well.	3a. CONTACT: With contamination (e.g. contaminated groundwater). 3b. CONTACT: With traffic.	3a. Wear chemical-resistant disposable gloves (over cut-resistant gloves) and safety glasses when gauging well. 3a. Insert and remove probe slowly to avoid splashing. 3a. Use an absorbent pad to clean probe. 3b. See 1b.		

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Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy Source - electricity, pressure, compression/tension.

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Assess ¹ JOB STEPS	Analyze ² POTENTIAL HAZARDS	Act ³ CRITICAL ACTIONS
4. Purge and sample well	<p>4a. EXPOSURE/CONTACT: To contamination (e.g., SPH, contaminated groundwater, vapors) and/or sample preservatives.</p> <p>4b. CONTACT: Personal injury from cuts, abrasions, or punctures by glassware or sharp objects.</p> <p>4c. EXERTION: Muscle strain while carrying equipment.</p> <p>4d. CONTACT: With traffic.</p> <p>4e. CONTACT: Pinch points with groundwater pump components (i.e., wheel, line, clamps).</p> <p>4f. EXERTION: Muscle strain from repetitive motion of bailing and sampling a well.</p>	<p>4a. Open and fill sample jars slowly to avoid splashing and contact with preservatives.</p> <p>4a. Wear cut-resistant gloves and chemical-resistant disposable gloves when sampling.</p> <p>4a. Fill sample containers over purge container to avoid spilling water onto the ground.</p> <p>4a. Use an absorbent pad to clean spills.</p> <p>4a. When using a bailer to purge a well, pull the bailer slowly from the well to avoid splash hazards.</p> <p>4a. When sampling or purging the water using a bailer, pour out water slowly to reduce the potential for splash hazards with groundwater.</p> <p>4a. When using a tubing valve always remove the valve slowly after sample collection to release any pressure and avoid pressurized splash hazards.</p> <p>4a. When collecting a groundwater sample always point sampling apparatus (tubing, bailer, etc.) away from face and body.</p> <p>4b. To avoid spills or breakage, place sample ware on even surface.</p> <p>4b. Do not over tighten caps on glass sample ware.</p> <p>4b. Wear chemical-resistant nitrile disposable gloves over cut-resistant (i.e., Kevlar) gloves when sampling and handling glassware (i.e., VOA vials) or when using cutting tools.</p> <p>4c. Use proper lifting techniques when handling/moving equipment, bend knees and keep back straight.</p> <p>4c. Use mechanical assistance or team lifting techniques when equipment is 50 lbs. or heavier.</p> <p>4c. Make multiple trips to carry equipment.</p> <p>4d. See 1b.</p> <p>4e. Wear leather gloves when working with groundwater pumps.</p> <p>4e. Never place hands on or near pinch points such as the wheel, clamps or other moving parts during pump operations.</p> <p>4e. Use the correct mechanisms, such as a pump reel, to lower pump into well.</p> <p>4e. Never attempt to manually stop any moving part of equipment including hose reels and/or tubing.</p> <p>4f. See 4c.</p> <p>4f. Include a stretch break when repetitive motions are part of the task.</p>
5. Management of purge water.	<p>5a. EXPOSURE/CONTACT: To contamination (e.g., SPH, contaminated groundwater, vapors).</p> <p>5b. EXERTION: Muscle strain from lifting/carrying and moving containers.</p>	<p>5a. Do not overfill container and pour liquids slowly so that they do not splash.</p> <p>5a. Properly dispose of used materials/PPE in appropriate container in designated storage area.</p> <p>5b. Use proper lifting techniques when lifting / carrying or moving container(s) (see 4c.).</p> <p>5b. Do not overfill container(s).</p>
6. Decontaminate equipment.	<p>6a. EXPOSURE/CONTACT: To contamination (e.g., SPH, contaminated groundwater, vapors).</p> <p>6b. CAUGHT: Pinch points associated with handling hand tools</p>	<p>6a. Work on the upwind side, where possible, of decon area.</p> <p>6a. Wear chemical-resistant disposable gloves and safety glasses.</p> <p>6a. Use an absorbent pad to clean spills.</p> <p>6b. See 2b.</p> <p>6b. Inspect hand tools for sharp edges before decontaminating.</p>

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JOB SAFETY ANALYSIS		Ctrl. No. GEN-014	DATE: 1/4/2018	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
JSA TYPE CATEGORY: Generic		WORK TYPE: Drilling	WORK ACTIVITY (Description): Hollow Stem Auger Soil Borings / Well Installation		
DEVELOPMENT TEAM		POSITION / TITLE	REVIEWED BY:	POSITION / TITLE	
Douglas Ferraiolo		Staff Geologist	Brian Hobbs	Senior Health & Safety Manager	
			Joe Gentile	Corporate Health & Safety Manager	
REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT					
<input type="checkbox"/> LIFE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / BODY HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES		<input checked="" type="checkbox"/> GOGGLES: <u>Spoggles required if winds exceed 15 mph.</u> <input type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION: <u>(as needed).</u> <input checked="" type="checkbox"/> SAFETY SHOES: <u>Steel or Composite Toe.</u>	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING: <u>Fluorescent long-sleeve shirt or long-sleeve shirt and reflective safety vest.</u>		<input checked="" type="checkbox"/> GLOVES: <u>Leather, Cut-Resistant, and Nitrile.</u> <input checked="" type="checkbox"/> OTHER: <u>Insect Repellent, Sunscreen (as needed).</u>
REQUIRED AND / OR RECOMMENDED EQUIPMENT					
Truck-Mounted Drilling Rig or Track Rig, Saw, Hand Tools, Photoionization Detector, Multi-Gas Meter (or equivalent), Interface Probe, 20 lb. Type ABC Fire Extinguisher, 42" Cones & Flags, "Work Area" Signs.					
COMMITMENT TO SAFETY- All personnel onsite will actively participate in hazard recognition and mitigation throughout the day by verbalizing SPSAs					
EXCLUSION ZONE (EZ) – All non-essential personnel shall maintain a 10 foot exclusion zone while drill rig is engaged.					
"SHOW ME YOUR HANDS"					
Driller and helper should show that hands are clear from controls and moving parts					
Assess 1JOB STEPS	Analyze 2POTENTIAL HAZARDS	Act 3CRITICAL ACTIONS			
1. Mobilization / demobilization and establish a work area.	1a. See Mobilization/ Demobilization JSA GEN-015.	1a. See Mobilization / Demobilization JSA GEN-015.			
2. Raising tower / derrick of drilling rig.	2a. CONTACT: Overhead hazards. 2b. CONTACT: Amputation / crush points when raising the rig and instability of rig.	2a. Prior to raising the tower / derrick, the area above the drilling rig will be inspected for overhead hazards (wires, tree limbs, piping or other structures) that may be contacted by the rig's tower or drilling rods. 2a. The tower / derrick must not be raised beneath overhead power lines unless approved by the Roux PM. 2a. Maintain a minimum of 10' from all overhead structures. 2a. Do not move the rig while the tower / derrick is raised. 2b. Inspect the equipment prior to use and avoid any potential amputation points. 2b. Lower outriggers to ensure stability prior to raising rig tower derrick. Keep feet and body out of the line of fire when lowering out-riggers. 2b. Inspect the set-up location for uneven terrain. Level or avoid area if needed. 2b. If the rig needs to be mounted, be sure to use three points of contact.			
3. Advancement of augers for soil boring installation.	3a. CONTACT: Equipment imbalance during advancement of drill equipment. 3b. CONTACT: Flying / spraying debris. 3c. CAUGHT: Limb/extremity amputation, abrasion, and crushing.	3a. Drillers will advance the borehole with caution to avoid causing the rig to become imbalanced and / or tip. 3a. The blocking and leveling devices used to secure the rig will be inspected by drillers and Roux personnel regularly to see if shifting has occurred. 3a. Drillers will maintain the "Purple Zone" policy surrounding augers to ensure no personnel come into contact with augers while in use. Workers will spray paint a 3' semi-circle surrounding the augers to visually show that no personnel should enter the "Purple Zone" while drilling activities are being conducted. 3a. In addition, personnel and equipment that are non-essential to the advancement of the borehole will be positioned away from the rig at a distance that is at least as far as the boom is high (minimum exclusion zone of 20 feet). 3b. Wear all required PPE (especially hand, eye, and ear protection). 3b. Maintain minimum 20' EZ distance when rig is in operation to avoid potential line of fire hazards from flying materials or debris. 3c. Inspect the equipment prior to use for potential pinch points. 3c. Test all emergency shutdown devices prior to drilling. 3c. Inspect drill head for worn surface or missing teeth; replace if damaged or blunt. 3c. Inspect augers, do not use if auger flight is damaged or bent.			
Assess	Analyze	Act			

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¹ JOB STEPS	² POTENTIAL HAZARDS	³ CRITICAL ACTIONS
3. Advancement of augers for soil boring installation (Continued).	<p>3d. FALL: Slip/trip/fall hazards.</p> <p>3e. EXPOSURE: Inhalation of contamination / vapors.</p> <p>3f. EXPOSURE: Noise and dust.</p> <p>3g. EXERTION: Installing well casings and lifting augers.</p>	<p>3c. Ensure all jewelry is removed, loose clothing is secured, and PPE is secured close to the body.</p> <p>3c. All non-essential personnel should stay away from the immediate work area; position body out of the line-of-fire of equipment particularly when installing auger flights and steel override casings.</p> <p>3c. Drillers and helpers will understand and use the "Show Me Your Hands" Policy.</p> <p>3c. Spinning augers should have an exclusion zone of 20 feet when in operation.</p> <p>3d. Inspect walking path for uneven terrain, weather-related hazards (i.e., ice, puddles, snow, etc.), and obstructions prior to mobilizing equipment.</p> <p>3d. Do not climb over stored materials/equipment; walk around. Practice good housekeeping.</p> <p>3d. Use established pathways and walk on stable, secure ground.</p> <p>3d. Use three points of contact when mounting or dismounting the rig.</p> <p>3d. Remove soil cuttings to avoid a tripping hazard from developing near augers.</p> <p>3e. Air monitoring using a calibrated photoionization detector (PID) to periodically monitor the breathing zone of the work area.</p> <p>3e. The Action Level for breathing zone air is five parts per million (sustained) as detected by the PID.</p> <p>3e. If a reading of >5ppm is recorded, the Roux field personnel must temporarily cease work, instruct all Site personnel to step away from the area of elevated readings and inform the Roux PM of the condition. The Roux PM will then recommend additional appropriate precautions in accordance with the site specific health and safety plan.</p> <p>3f. Wet borehole area with sprayer to minimize dust. Stand upwind and keep body positioned away from rig.</p> <p>3f. Wear hearing protection while drill rig is operating and / or the noise levels exceed 85 dBA.</p> <p>3g. Keep back straight and bend at the knees.</p> <p>3g. Utilize team lifting for objects over 50lbs.</p> <p>3g. Use mechanical lifting device for odd shaped objects.</p>
4. Installation of well materials.	<p>4a. CONTACT: Installing well materials while also pulling up augers.</p> <p>4b. CAUGHT: Possible pinch or crush hazard assembling PVC and sending down the borehole.</p> <p>4c. FALL: Slip/trip/fall hazards with hand tools and materials.</p> <p>4d. EXPOSURE: Potential contamination, harmful vapors, dust, and / or noise.</p> <p>4e. EXERTION: Lifting heavy bags of materials to backfill borehole.</p>	<p>4a. Potential contact with augers during installation of well materials.</p> <p>4a. Keep distance from augers and do not place any materials while augers are in motion.</p> <p>4b. Keep all body parts out of potential pinch points while placing PVC together and sending down borehole.</p> <p>4c. See 3d.</p> <p>4d. See 3e and 3f.</p> <p>4d. Stand upwind to avoid exposure to dust generated from packing materials.</p> <p>4e. Ergonomic hazard lifting bags of sand and bentonite while packing the well.</p>
5. Cleaning the auger flights	5a. CONTACT: Cuts/scraps or puncture wound from contacting auger.	<p>5a. Follow "Show Me Your Hands" Procedure and make sure auger is out of gear before contacting auger with tool or hand.</p> <p>5a. Pull cleaning tool across your body with handle away from body; do not push toward the auger.</p> <p>5a. Do not clean more than ¼ turn around the auger at a time.</p> <p>5a. Wear cut resistant and leather gloves.</p> <p>5a. Always use two hands to operate cleaning tool.</p> <p>5a. Inspect tool before use and remove from service if handle or metal are cracked/fatigued.</p> <p>5a. Stand out of the line of fire.</p>
6. Decontaminate equipment.	<p>6a. EXPOSURE / CONTACT: To contamination (e.g., contaminated groundwater, vapors).</p> <p>6b. EXPOSURE: To chemicals in cleaning solution (including ammonia).</p>	<p>6a. Wear chemical-resistant disposable gloves and safety glasses.</p> <p>6a. Contain decontamination water so that it does not spill.</p> <p>6a. Use an absorbent pad to clean spills, if necessary.</p> <p>6b. See 3e. Wear all appropriate PPE and stand upwind of any exposed cleaning solutions.</p>

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JOB SAFETY ANALYSIS		Ctrl. No. GEN-015	DATE: 1/4/2018	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
JSA TYPE CATEGORY GENERIC		WORK TYPE Site Recon		WORK ACTIVITY (Description) Mobilization/Demobilization	
DEVELOPMENT TEAM		POSITION / TITLE		REVIEWED BY:	
Rebecca Lowy		Staff Assistant Geologist		Brian Hobbs	
Tally Sodre		OHSM		Joe Gentile	
				Senior Health & Safety Manager	
				Corporate Health & Safety Manager	
REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT					
<input type="checkbox"/> LIFE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / BODY HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES		<input type="checkbox"/> GOGGLES <input type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION (as needed) <input checked="" type="checkbox"/> SAFETY SHOES: <u>Steel Toe or composite toe</u>		<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING: <u>Fluorescent reflective vest of high-visibility clothing; long sleeve shirt; long pants</u> <input checked="" type="checkbox"/> GLOVES: <u>Leather, nitrile, and cut resistant (as needed)</u> <input type="checkbox"/> OTHER	
REQUIRED AND / OR RECOMMENDED EQUIPMENT					
Required Equipment: None					
COMMITMENT TO SAFETY- All personnel onsite will actively participate in hazard recognition and mitigation throughout the day by verbalizing SPSAs					
EXCLUSION ZONE (EZ): A 10-foot exclusion zone will be maintained around equipment in use..					
Assess 1JOB STEPS		Analyze 2POTENTIAL HAZARDS		Act 3CRITICAL ACTIONS	
1. Mobilize/demobilize and establish work area		1a. FALL: Slip/trips/falls from obstructions, uneven terrain, weather conditions, heavy loads, and/or poor housekeeping. 1b. CONTACT: Personal injury and/or property damage caused by being struck by Site traffic or equipment used in Site activities.		1a. Use 3 points-of-contact/ensure secure footing when entering and exiting vehicle. 1a. Inspect walking path for uneven terrain, steep hills, obstructions, and/or weather-related hazards (i.e., ice, snow, and puddles) prior to mobilizing equipment. Use established pathways. Walk on stable/secure ground. 1a. Do not climb over stored materials/equipment; walk around. Practice good housekeeping; organize and store equipment neatly in one area at its lowest potential energy. 1a. Wear boots with adequate treads. 1a. Delineate unsafe areas with 42" cones, caution tape and/or flagging. 1b. Observe and maintain the posted speed limits. 1b. When first arriving onsite, park vehicles in designated parking space and/or out of the way locations. Use parking brake on all vehicles and tire chocks on work trucks and trailers. 1b. Check in with Site Manager/Supervisor to ensure coordination with other Site activities and to discuss any special hazards. Ensure that short-service employees (SSE) are identified. 1b. Identify potential traffic sources. 1b. Wear PPE including high visibility clothing or reflective vest. 1b. Use a spotter while moving work vehicles; plan ahead to avoid backing whenever possible. 1b. Maintain a minimum 10' exclusion zone when vehicles are in motion. When backing up truck rig with an attached trailer use a second spotter if there is tight clearance simultaneously on multiple sides of the equipment or if turning angles limit driver-to-spotter visibility. 1b. Delineate work area with 42" cones, flags, caution tape, and/or other barriers. 1b. Position "Work Area" signs at Site entrances, if possible, or at either side of work area.	

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Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy Source - electricity, pressure, compression/tension.

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Assess ¹ JOB STEPS	Analyze ² POTENTIAL HAZARDS	Act ³ CRITICAL ACTIONS
	<p>1c. CAUGHT: Personal injury from pinch points and being in line-of-fire of vehicle and/or equipment.</p> <p>1d. OVEREXERTION: Muscle strains while lifting/carrying equipment.</p> <p>1e. EXPOSURE: Personal injury from exposure to biological and environmental hazards.</p> <p>1f. EXPOSURE: Weather related injuries.</p> <p>1g. EXPOSURE: Personal injury from noise hazards.</p>	<p>1b. Position largest vehicle to protect against oncoming traffic.</p> <p>1b. Face traffic, maintain eye contact with oncoming vehicles, use a spotter, and establish a safe exit route.</p> <p>1b. Observe potential overhead and ground surface features that may interfere with moving equipment. Clear the path of physical hazards prior to initiating mobilization.</p> <p>1c. Make sure driver has engaged parking brake and placed wheel chocks in a position to prevent movement. Be sure that vehicle is parked in front/down gradient (positioned to best block oncoming traffic) of work area.</p> <p>1c. Wear leather gloves when handling any tools or equipment. Wear cut-resistant gloves (Kevlar or similar) when handling sharp objects/cutting tools/glass.</p> <p>1c. Keep body parts away from line-of-fire of equipment.</p> <p>1c. Always carry tools by the handles and/or designated carrier. Ensure sharp-edged tools are sheathed/secure.</p> <p>1c. Remove any loose jewelry. Avoid wearing loose clothing and/or ensure loose clothing is secure.</p> <p>1c. Secure all items on the equipment, tighten up any items or features that have potential to shift or break during mobilization.</p> <p>1d. Use body positioning and lifting techniques that avoid muscle strain; keep back straight, lift with legs, turn with whole body, keep load close to body, and never reach with a load.</p> <p>1d. Ensure that loads are balanced. Use assistance (mechanical or additional person) to carry equipment that is either unwieldy or over 50 lbs.</p> <p>1e. Inspect area to avoid contact with biological hazards (i.e. poisonous plants, stinging insects, ticks, etc.).</p> <p>1e. Wear long sleeved clothes treated with Permethrin, apply insect repellent containing DEET to exposed skin, and inspect clothes and skin for ticks during and after work.</p> <p>1e. Apply sunscreen (SPF 15+) if exposure to sun for 30 minutes or more is expected.</p> <p>1f. Watch for heat stress symptoms (muscle cramping, exhaustion, dizziness, nausea, rapid and shallow breathing). Take breaks in cool places and hydrate as needed.</p> <p>1f. Watch for cold stress symptoms (severe shivering, slowing of body movement, weakness, stumbling or inability to walk, collapse). Take breaks in warm areas as needed.</p> <p>1f. Wear clothing appropriate for weather and temperature conditions (e.g., rain jackets, snow pants, multiple layers).</p> <p>1f. If lightning is observed, wait 30 minutes in a sheltered location (car is acceptable) before resuming work.</p> <p>1g. Wear hearing protection if sound levels exceed 85 dBA (if you must raise your voice for normal conversation).</p>

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JOB SAFETY ANALYSIS Ctrl. No. GEN-017		DATE 1/4/2018	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
JSA TYPE CATEGORY: GENERIC		WORK TYPE: Drilling		
		WORK ACTIVITY (Description): Monitoring and Recovery Well Development		
DEVELOPMENT TEAM	POSITION / TITLE	REVIEWED BY:	POSITION / TITLE	
Amy Hoffman	Staff Geologist	Brian Hobbs	Senior Health & Safety Manager	
Ron Lombino	Staff Geologist	Joe Gentile	Corporate Health & Safety Manager	
Courtney Lind	Staff Engineer			
REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT				
<input type="checkbox"/> LIFE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / BODY HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES	<input type="checkbox"/> GOGGLES <input type="checkbox"/> FACE SHIELD <input checked="" type="checkbox"/> HEARING PROTECTION (as needed) <input checked="" type="checkbox"/> SAFETY SHOES: <u>Composite-toe or steel toe boots</u>	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING: <u>Fluorescent reflective vest or high visibility clothing</u>	<input checked="" type="checkbox"/> GLOVES: <u>Leather or cut-resistant and Nitrile</u> <input checked="" type="checkbox"/> OTHER: <u>Insect repellent, sunscreen (as needed)</u>	
REQUIRED AND / OR RECOMMENDED EQUIPMENT				
Required Equipment as needed: Truck Rig or support truck, Trailer, 42-inch Safety cones and flags, Caution Tape, Interface Probe, Power Source, Submersible Pump, Surge Block/Plunger, 20 lb. Type ABC Fire Extinguisher, Holding Tanks and/or Buckets, Absorbent Pads, 5-gas meter, Tools as needed: Socket and Pipe Wrench, Screw Driver, Pry Bar, Ratchet, Vault Key.				
COMMITMENT TO SAFETY- All personnel onsite will actively participate in hazard recognition and mitigation throughout the day by verbalizing SPSAs				
EXCLUSION ZONE (EZ): Maintain a 20 Foot EZ During Development Activities				
"SHOW ME YOUR HANDS"				
Driller and helper should show that hands are clear from controls and moving parts				
Assess 1JOB STEPS	Analyze 2POTENTIAL HAZARDS	Act 3CRITICAL ACTIONS		
1. Mobilization / Demobilization (Review Mobilization and Demobilization JSA)	1a. CONTACT: Equipment/property damage. 1b. FALL: Slip/trip/fall hazards.	1a. The truck rig's tower/derrick will be lowered and secured prior to mobilization. 1a. Set-up the work area / position equipment in a manner that eliminates or reduces the need for backing of trucks and trailers. 1a. All non-essential personnel should maintain an exclusion zone of 20 feet. 1a. Beep horn twice before backing up. 1a. When backing up with an attached trailer use a spotter Level or avoid if needed. 1b. Inspect walking path for uneven terrain, weather-related hazards (i.e., ice, puddles, snow, etc.), and obstructions prior to mobilizing equipment. 1b. Do not climb over stored materials/equipment; walk around. Store equipment at lowest potential energy.		
2. Open/close well.	2a. EXERTION: Muscle strain (some wells have large vault covers). 2b. CAUGHT: Pinch points associated with removing/replacing manholes and working with hand tools. 2c. EXPOSURE: Potentially hazardous vapors. 2d. CONTACT: Traffic.	2a. Keep back straight, lift with legs, keep load close to body, and never reach with a load. Ensure that loads are balanced to reduce the potential for muscle strain. Two people are required when lifting objects over 50 lbs or when the shape makes the object difficult to lift. 2b. Wear cut-resistant/leather gloves when working with well vault/cover and hand tools. Do not put fingers under well vault/cover. 2b. Use ratchet and pry bar for well cover and inspect before use. 2c. No open flames/heat sources. 2c. Allow well to vent after opening it and before starting development activities to minimize exposure to vapors. Air monitoring must be performed prior to set up and during the well development activities. Work on upwind side of well. 2d. Wear required PPE including high visibility clothing or reflective vest. 2d. Delineate work area with 42" safety cones and/or other barriers. Position vehicle to protect against oncoming traffic. 2d. Face traffic, maintain eye contact with oncoming vehicles, and establish a safe exit route.		

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³ Using the first two columns as a guide, decide what actions or procedures are necessary to eliminate or minimize the risk. List the recommended safe operating procedures. Say exactly what needs to be done - such as "use two persons to lift". Avoid general statements such as, "be careful".

Assess ¹ JOB STEPS	Analyze ² POTENTIAL HAZARDS	Act ³ CRITICAL ACTIONS
3. Develop well (mechanical surging).	<p>3a. CAUGHT: Cut hazards and finger pinch points.</p> <p>3b. CONTACT/EXPOSURE: Contamination (e.g., SPH, contaminated groundwater, vapors).</p> <p>3c. EXERTION: Muscle strain from lifting equipment.</p> <p>3d. CONTACT: Injury while handling wench line/cable, or with active surging equipment.</p>	<p>3a. See 2b.</p> <p>3a. Use required PPE including leather/cut-resistant gloves when handling development equipment. Identify finger/hand pinch points. Keep hands away from active surge equipment.</p> <p>3a. All non-essential personnel should maintain an exclusion zone of 20 feet.</p> <p>3b. See 2c.</p> <p>3b. Wear Nitrile gloves and safety glasses. Insert and remove surge block/plunger and line/cable slowly to avoid splashing at the surface.</p> <p>3b. Use an absorbent pad to clean any spills.</p> <p>3c. See 2a.</p> <p>3c. Use mechanical device to insert and remove surge block/plunger if greater than 50lb.</p> <p>3d. If using a drill rig, inspect all wench lines/cables for any kinks or if frayed prior to use. Replace any damaged lines/cables. Review Drill Rig checklist prior to development activities.</p> <p>3d. See 3a.</p>
4. Purging well (pumping water to holding tanks/drums/buckets).	<p>4a. CAUGHT: Pinch points associated with connecting hose to tank. Pinch points associated with handling pump and hoses.</p> <p>4b. FALL: Using side mounted ladder when attaching hose to tank. Slip, trip, fall from lines/hoses</p> <p>4c. CONTACT: Contamination (e.g., SPH, contaminated groundwater).</p> <p>4d. EXERTION: Muscle strain from lifting/carrying equipment.</p> <p>4e. FALL: Spilled purge water.</p>	<p>4a. See 3a.</p> <p>4a. Ensure that fingers are not placed near coupling when attaching and securing hose(s). Do not place fingers under pump/hoses. Wear leather or cut-resistant gloves when handling pump/hose(s).</p> <p>4a. Keep hands clear from any line of fire.</p> <p>4b. Inspect ladder steps to make sure steps are not bent/damaged and free of debris/fluid.</p> <p>4b. Use three points of contact always when using ladder.</p> <p>4b. Use hoist or other mechanical means to secure and move hose.</p> <p>4b. Utilize anti-whip cords on all compressed hoses. Keep hoses and lines coiled and organized out of designated walking paths around the work zone.</p> <p>4c. Secure water hose.</p> <p>4c. Do not overfill tanks, and purge/transfer liquids in such a manner that they do not splash. (See 3b).</p> <p>4c. Dispose of used materials/PPE in the designated impacted PPE container.</p> <p>4d. See 2a.</p> <p>4e. Clean up any spills using absorbent pads or spill kits.</p>
5. Decontaminate equipment	<p>5a. CONTACT/EXPOSURE: Contamination (e.g., SPH, contaminated groundwater, vapors).</p> <p>5b. EXPOSURE/CONTACT: Chemicals in cleaning solution</p>	<p>5a. See 3b.</p> <p>5b. Decontaminate equipment in well-ventilated area. Wear nitrile gloves to avoid skin contact with cleaning solutions.</p>

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JOB SAFETY ANALYSIS		Ctrl. No. GEN-020	DATE: 1/4/2018	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
JSA TYPE CATEGORY: GENERIC		WORK TYPE: Gauging & Sampling	WORK ACTIVITY (Description): Soil Sampling		
DEVELOPMENT TEAM		POSITION / TITLE	REVIEWED BY:		POSITION / TITLE
MaryBeth Lyons		Project Scientist	Brian Hobbs		Senior Health & Safety Manager
			Joe Gentile		Corporate Health and Safety Manager
REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT					
<input type="checkbox"/> LIFE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / BODY HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES <input checked="" type="checkbox"/> FLAME RESISTANT CLOTHING (as needed)		<input type="checkbox"/> GOGGLES <input type="checkbox"/> FACE SHIELD: <input checked="" type="checkbox"/> HEARING PROTECTION: (as needed) <input checked="" type="checkbox"/> SAFETY SHOES: Composite-toe or steel toe boots	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING: Fluorescent reflective vest or high visibility clothing		<input checked="" type="checkbox"/> GLOVES: Leather, Nitrile and cut resistant <input checked="" type="checkbox"/> OTHER: Insect repellent, sunscreen (as needed)
REQUIRED AND / OR RECOMMENDED EQUIPMENT					
Recommended Equipment: 42" traffic cones, caution tape, trowel					
COMMITMENT TO SAFETY- All personnel onsite will actively participate in hazard recognition and mitigation throughout the day by verbalizing SPSAs.					
EXCLUSION ZONE (EZ): A 10-foot exclusion zone will be maintained around moving equipment, if present.					
Assess 1. JOB STEPS		Analyze 2. POTENTIAL HAZARDS		Act 3. CRITICAL ACTIONS	
1. Secure location		1a. CONTACT: Personnel and vehicular traffic may enter the work area. 1b. FALL: Tripping/falling due to uneven terrain or entry/exit from excavations. 1c. EXPOSURE: Exposure to sun and excessive heat, possibly causing sunburn, heat exhaustion or heat stroke. Exposure to cold temperatures possibly causing cold stress. Skin burn as a result of fire, if applicable. Exposure to explosive vapors due to tank farm operations. Exposure to airborne dust due to high wind speeds. Biological hazards - ticks, bees/wasps, poison ivy, thorns, insects, etc.		1a. If in an area with foot or vehicle traffic, delineate the work area with 42" traffic cones and/or caution tape to prevent exposure to traffic and inform others of work activity. 1a. Wear reflective vest and/or high visibility clothing. 1a. Face the direction of any vehicular traffic. Position vehicle to protect worker from traffic. 1a. Communicate work activity with adjacent work areas. 1b. Inspect pathways and work area for uneven terrain, weather-related hazards (i.e., ice, puddles, snow, etc.), and obstructions. 1b. Use established pathways and walk on stable, secure ground. 1b. Stage equipment and tools in a convenient, stable, and orderly manner. Store equipment at lowest potential energy. 1b. Roux employees should stay 5 feet from in-progress excavations and trenches. Should entry to an excavation be required (when stabilization is complete), ladders must be employed for steep embankments, excavations, pits, and trenches. 1c. Wear sunscreen with an SPF 15 or greater whenever 30 minutes or more of exposure is expected. 1c. Use a tent to shade the work area from direct sunlight particularly when warm temperatures are expected. 1c. Be aware of the location of all Site personnel. 1c. Watch for heat stress symptoms (muscle cramping, exhaustion, dizziness, rapid and shallow breathing). 1c. Watch for cold stress symptoms (severe shivering, slowing of body movement, weakness, stumbling or inability to walk, collapse). 1c. Take breaks for rest and water as necessary. Move to an area that is well shaded or a climate controlled area (i.e., car, site trailer, etc.). 1c. No open flames/heat sources. 1c. Flame retardant clothing must be worn when specified by Site policy. 1c. Cell phones should be disabled when specified by Site policy. 1c. Pre-treat field clothing with Permethrin prior to site visit to kill ticks and insects. 1c. Wear long sleeved shirts and tuck in (or tape) pant legs into socks or boots to prevent ticks from reaching skin. 1c. Spray insect repellent containing DEET on exposed skin when working in overgrown areas of the Site. 1c. Inspect area to avoid contact with biological hazards. 1c. Wear cut-resistant gloves when handling branches, shrubs, etc. that may lie within the walking path. 1c. Wear spoggles if the average wind speeds are above 15 mph. 1c. Personnel shall examine themselves and co-worker's outer clothing for ticks periodically when onsite. 1c. If skin comes in contact with poison ivy, wash skin thoroughly with soap and water. If rash persists after washing, immediately notify your supervisor, the OM and OHSM for possible consultation with a physician at an approved Occupational Health Clinic.	

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Assess ¹ JOB STEPS	Analyze ² POTENTIAL HAZARDS	Act ³ CRITICAL ACTIONS
2. Collect Soil Sample	<p>2a. CONTACT: Personal injury from pinch points, cuts, and abrasions from sampling equipment tools, and material within soil sample. Personal injury from contact with moving equipment while sampling. Personal injury from contact with glass sample jars.</p> <p>2b. EXPOSURE: Exposure to contamination (impacted soil) and/or lab preservatives.</p> <p>2c. EXERTION: Exertion due to repetitive motion and ergonomics.</p>	<p>2a. Wear cut-resistant (i.e., Kevlar) gloves under chemical-resistant (nitrile) disposable gloves when handling soil samples and sampling jars. 2a. Where possible, use trowel or equivalent tool to avoid contact with soil. 2a. If sampling from bucket of heavy equipment, ensure all equipment is off and operator utilizes the "show me your hands" policy. 2a. See 1a.</p> <p>2b. Wear chemical-resistant (nitrile) disposable gloves over cut resistant gloves to protect hands when handling samples; use containment material or plastic sheeting to protect surrounding areas. 2b. Wear safety glasses to protect eyes from dust or air-borne contaminants that may results from disturbing the soil. 2b. Where possible, remain upgradient from sample location if collecting soil sample from stockpile, drill rig, etc. to avoid breathing contaminant vapors, if they are present. 2b. When collecting soil sample from hand auger, put large zip lock bag over entire auger to prevent spillage of soil on to the ground. 2b. Open sample jars slowly and fill carefully to avoid contact with preservatives.</p> <p>2c. Utilize a table or raised surface for soil sampling if multiple soil samples are going to be taken to minimize repetitive bending motion.</p>
3. Decontaminate equipment	<p>3a. EXPOSURE/CONTACT: Contamination (e.g., Separate Phase Hydrocarbons (SPH), contaminated vapors and/or soil).</p> <p>3b. EXPOSURE: Chemicals in cleaning solution including ammonia.</p>	<p>3a. Wear chemical-resistant (nitrile) disposable gloves and safety glasses. 3a. Use an absorbent pad to clean spills. 3a. Properly dispose of used materials/PPE in provided drums in designated drum storage area. 3a. Remain upwind of sample and avoid breathing contaminant vapors, if they are present.</p> <p>3b. Wear chemical-resistant (nitrile) disposable gloves and safety glasses. 3b. Work on the upwind side of decontamination area. 3b. Use an absorbent pad to clean spills. 3b. Properly dispose of used materials/PPE in provided drums in designated drum storage area. Ensure that all drums are properly labeled and secured.</p>

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Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy Source – electricity, pressure, compression/tension.

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JOB SAFETY ANALYSIS Ctrl. No. GEN-021		DATE: 1/4/2018	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> REVISED	PAGE 1 of 2
JSA TYPE CATEGORY: GENERIC	WORK TYPE Gauging and Sampling	WORK ACTIVITY (Description) Soil Vapor Sampling (Permanent Monitoring Points)		
DEVELOPMENT TEAM	POSITION / TITLE	REVIEWED BY:	POSITION / TITLE	
Jeff Wills	Project Hydrogeologist	Brian Hobbs	Senior Health & Safety Manager	
Julie Moriarity	Project Scientist	Joe Gentile	Corporate Health and Safety Manager	
REQUIRED AND / OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT				
<input type="checkbox"/> LIFE VEST <input checked="" type="checkbox"/> HARD HAT <input type="checkbox"/> LIFELINE / BODY HARNESS <input checked="" type="checkbox"/> SAFETY GLASSES	<input type="checkbox"/> GOGGLES <input type="checkbox"/> FACE SHIELD <input type="checkbox"/> HEARING PROTECTION <input checked="" type="checkbox"/> SAFETY SHOES: <u>Steel-toe boots</u>	<input type="checkbox"/> AIR PURIFYING RESPIRATOR <input type="checkbox"/> SUPPLIED RESPIRATOR <input checked="" type="checkbox"/> PPE CLOTHING: <u>Fluorescent reflective vest or high visibility clothing</u>	<input checked="" type="checkbox"/> GLOVES: <u>Cut-resistant & Nitriles</u> <input checked="" type="checkbox"/> OTHER: <u>Bug Spray, Sun Screen, Knee Pads or kneeling pad</u>	
REQUIRED AND / OR RECOMMENDED EQUIPMENT				
9/16" Socket and Wrench, Non-Toxic Clay, Teflon-Lined Tubing, Masterflex Tubing, Air Pump with Low Flow, Dry Cal, Enclosure (Bucket with 2 holes), Helium Gas Canister, Summa Canisters and Flow Controllers, MultiRae Photo Ionization Detector (PID), Helium Detector, Tubing Cutter, 42-inch Safety Cones, Caution Tape or Retractable Cone Bars				
COMMITMENT TO SAFETY- All personnel onsite will actively participate in hazard recognition and mitigation throughout the day by verbalizing SPSAs.				
EXCLUSION ZONE (EZ): A 5-foot exclusion zone will be maintained for non-essential personnel.				
Assess 1JOB STEPS	Analyze 2POTENTIAL HAZARDS	Act 3CRITICAL ACTIONS		
1. Define and secure work area.	1a. FALL: Potential tripping hazards. 1b. CONTACT: Potential contact with moving vehicles or pedestrians. 1c. EXERTION: Muscle strain while lifting and carrying equipment.	1a. Ensure work area is secure and inform others (third party) of work activity. 1a. Remove tripping hazards and inspect walking path for uneven terrain, weather-related hazards (i.e., ice, puddles, snow, etc.), and obstructions prior to mobilizing equipment. 1b. If working alongside roads, look both ways before entering roadways, face traffic, and utilize work vehicle to protect employees. 1b. Delineate work area (including vehicles) with traffic safety cones and caution tape or retractable cone bars. 1b. Maintain a 5-foot exclusion zone. 1b. Wear high visibility clothing or reflective safety vest. 1c. When carrying equipment to/from work area, keep back straight, lift with legs, keep load close to body, never reach with a load. Ensure that loads are balanced. Use mechanical assistance/make multiple trips to carry equipment.		
2. Remove well cover / close well cover.	2a. CONTACT/CAUGHT: Pinch points and scrapes associated with hand tools and well covers. 2b. FALL: Potential tripping hazards associated with installing bolts. 2c. EXERTION: Physical exertion to remove bolts that were over torqued or stripped.	2a. Keep hands away from pinch points. 2a. Use hand tools with extensions to remove and replace well covers. 2a. Wear cut-resistant gloves. 2a. Use knee pads or kneeling pad when repetitive kneeling on rough ground is anticipated. 2b. Place security bolts in secure location so not to create tripping hazards. Replace security bolts so that they fit flush with monitoring well covers. 2c. Replace any security bolts that show signs of stripping. Do not over tighten. 2c. Use body positioning and bending techniques that minimize muscle strain; keep back straight, bend at the knees. 2c. See 2a.		

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Assess 1JOB STEPS	Analyze 2POTENTIAL HAZARDS	Act 3CRITICAL ACTIONS
3. Screen vapor point with PID.	<p>3a. FALL: Potential tripping hazards associated with equipment.</p> <p>3b. EXPOSURE: Inhalation of soil vapor</p>	<p>3a. Place equipment in one area close to the sampling location.</p> <p>3b. Identify area where equipment is to be stored within the work area (away from main walking path).</p> <p>3a. Don't leave equipment on the ground. Return equipment to storage area between uses.</p> <p>3b. Replace brass caps immediately upon completion to avoid soil vapors migrating to the surface through sample tubing.</p> <p>3b. Stand upwind of sample point during screening activities.</p>
4. Remove / replace brass caps at the end of the sample tubing.	<p>4a. CONTACT: Pinch points associated with hand tools and brass caps.</p> <p>4b. EXPOSURE: Potential pathway for vapors to migrate to land surface.</p>	<p>4a. Use wrench to remove and replace brass caps.</p> <p>4a. Wear cut-resistant gloves to protect against pinch points and scrapes.</p> <p>4b. See 3b.</p> <p>4b. Stand up wind of sample point location.</p>
5. Set up soil vapor sampling equipment and calibration of meters.	<p>5a. FALL: Potential tripping hazards associated with equipment and tubing.5b.</p> <p>5b. CONTACT: Pinch points associated with handling equipment.</p> <p>5c. EXPOSURE: Inhalation of calibration gas and helium.</p>	<p>5a. See 3a.</p> <p>5a. Keep tubing slack to a minimum and locate the summa canister as close to the sampling location as possible.</p> <p>5a. Avoid stepping over equipment and tubing.</p> <p>5b. Do not place fingers/hands under sampling equipment.</p> <p>5b. Make multiple trips when unloading equipment in work area.</p> <p>5b. Wear cut-resistant gloves to protect against pinch points while handling sampling equipment.</p> <p>5c. Review SDS for each type of calibration gas used before calibrating.</p> <p>5c. Calibrate meters in a well-ventilated area and keep air flow regulator away from face.</p> <p>5c. Close valve on canisters after use to avoid inhalation of excess helium or calibration gas.</p> <p>5c. Stand up wind of bucket during helium tracer gas test.</p>
6. Cleaning Work Area.	<p>6a. FALL: Potential tripping hazards associated with equipment and tubing.</p> <p>6b. CONTACT: Storing and transport of equipment in car.</p>	<p>6a. See 3a.</p> <p>6a. See 3b.</p> <p>6b. Ensure that equipment is placed securely in the vehicle. Do not stack equipment on top of each other. Secure equipment so that it will not slide while being transported.</p> <p>6b. Wear cut-resistant gloves while handling/loading equipment.</p>

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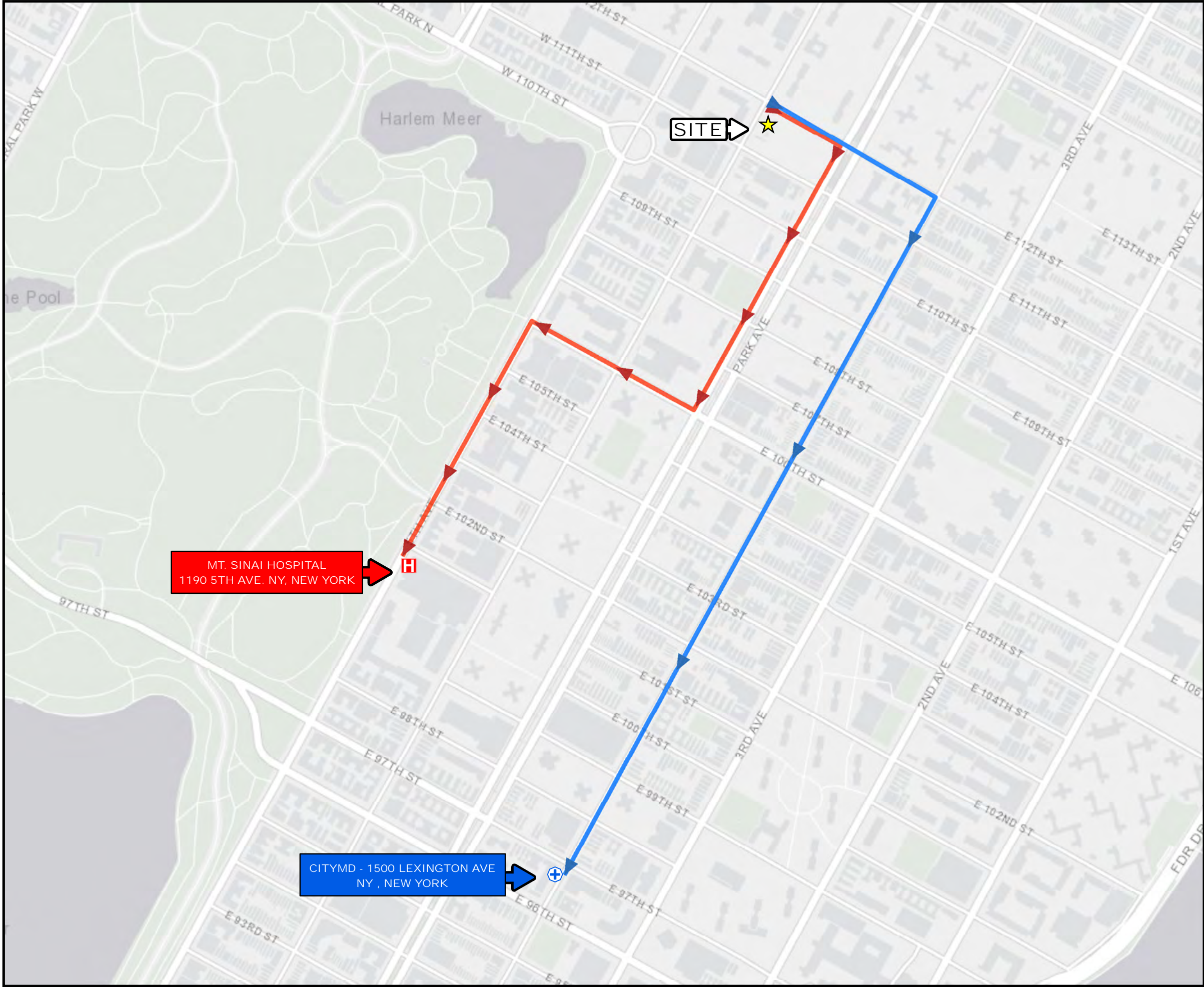
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Caught - victim is caught on, caught in or caught between objects; Fall - victim falls to ground or lower level (includes slips and trips); Exertion - excessive strain or stress / ergonomics / lifting techniques; Exposure - inhalation/skin hazards; Energy Source – Electricity, pressure, tension/compression, torque.

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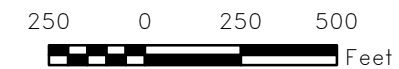
APPENDIX B

**Site-Specific Emergency Response Plan & Routes to Urgent
Care and Emergency Medical Facilities**



- DIRECTIONS TO HOSPITAL
1. HEAD SOUTHEAST ON EAST 112TH STREET (144 FEET)
 2. TURN RIGHT ONTO PARK AVENUE (0.3 MILES)
 3. TURN RIGHT ONTO EAST 106TH STREET (0.2 MILES)
 4. TURN LEFT ONTO 5TH AVENUE (0.3 MILES)
 5. MOUNT SINAI HOSPITAL WILL BE ON THE LEFT

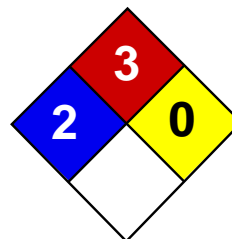
- DIRECTIONS TO CITYMD
1. HEAD SOUTHEAST ON EAST 112TH STREET (0.1 MILES)
 2. TURN RIGHT ONTO LEXINGTON AVENUE (0.8 MILES)
 3. CITYMD WILL BE ON THE RIGHT



Title:			
EMERGENCY ROUTE MAP			
SENDERO VERDE REDEVELOPMENT PROJECT – PARCEL B			
Prepared For:			
SV-B OWNERS LLC			
ROUX	Compiled by: J.M.	Date: 20NOV18	FIGURE 5
	Prepared by: M.S.R.	Scale: AS SHOWN	
	Project Mgr: J.M.	Project: 2984.0001Y000	
	File: 2984.0001Y102.5.mxd		

APPENDIX C

SDSs for Chemicals Used



Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet

Benzene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Benzene

Catalog Codes: SLB1564, SLB3055, SLB2881

CAS#: 71-43-2

RTECS: CY1400000

TSCA: TSCA 8(b) inventory: Benzene

CI#: Not available.

Synonym: Benzol; Benzine

Chemical Name: Benzene

Chemical Formula: C₆H₆

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Benzene	71-43-2	100

Toxicological Data on Ingredients: Benzene: ORAL (LD50): Acute: 930 mg/kg [Rat]. 4700 mg/kg [Mouse]. DERMAL (LD50): Acute: >9400 mg/kg [Rabbit]. VAPOR (LC50): Acute: 10000 ppm 7 hours [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Very hazardous in case of eye contact (irritant), of inhalation. Hazardous in case of skin contact (irritant, permeator), of ingestion. Inflammation of the eye is characterized by redness, watering, and itching.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH, 1 (Proven for human.) by IARC. **MUTAGENIC EFFECTS:** Classified POSSIBLE for human. Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. **TERATOGENIC EFFECTS:** Not available. **DEVELOPMENTAL TOXICITY:** Classified Reproductive system/toxin/female [POSSIBLE]. The substance is toxic to blood, bone marrow, central nervous system (CNS). The substance may be toxic to liver, Urinary System. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention immediately.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 497.78°C (928°F)

Flash Points: CLOSED CUP: -11.1°C (12°F). (Setaflash)

Flammable Limits: LOWER: 1.2% UPPER: 7.8%

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances:

Highly flammable in presence of open flames and sparks, of heat. Slightly flammable to flammable in presence of oxidizing materials. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Explosive in presence of oxidizing materials, of acids.

Fire Fighting Media and Instructions:

Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.

Special Remarks on Fire Hazards:

Extremely flammable liquid and vapor. Vapor may cause flash fire. Reacts on contact with iodine heptafluoride gas. Dioxygenyl tetrafluoroborate is as very powerful oxidant. The addition of a small particle to small samples of benzene, at ambient temperature, causes ignition. Contact with sodium peroxide with benzene causes ignition. Benzene ignites in contact with powdered chromic anhydride. Virgorous or incandescent reaction with hydrogen + Raney nickel (above 210 C) and bromine trifluoride.

Special Remarks on Explosion Hazards:

Benzene vapors + chlorine and light causes explosion. Reacts explosively with bromine pentafluoride, chlorine, chlorine trifluoride, diborane, nitric acid, nitryl perchlorate, liquid oxygen, ozone, silver perchlorate. Benzene + pentafluoride and methoxide (from arsenic pentafluoride and potassium methoxide) in trichlorotrifluoroethane causes explosion. Interaction

of nitryl perchlorate with benzene gave a slight explosion and flash. The solution of permanganic acid (or its explosive anhydride, dimanganese heptoxide) produced by interaction of permanganates and sulfuric acid will explode on contact with benzene. Peroxodisulfuric acid is a very powerful oxidant. Uncontrolled contact with benzene may cause explosion. Mixtures of peroxomonsulfuric acid with benzene explodes.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep locked up.. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.

Storage:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 0.5 STEL: 2.5 (ppm) from ACGIH (TLV) [United States] TWA: 1.6 STEL: 8 (mg/m3) from ACGIH (TLV) [United States] TWA: 0.1 STEL: 1 from NIOSH TWA: 1 STEL: 5 (ppm) from OSHA (PEL) [United States] TWA: 10 (ppm) from OSHA (PEL) [United States] TWA: 3 (ppm) [United Kingdom (UK)] TWA: 1.6 (mg/m3) [United Kingdom (UK)] TWA: 1 (ppm) [Canada] TWA: 3.2 (mg/m3) [Canada] TWA: 0.5 (ppm) [Canada] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor:

Aromatic. Gasoline-like, rather pleasant. (Strong.)

Taste: Not available.

Molecular Weight: 78.11 g/mole

Color: Clear Colorless. Colorless to light yellow.

pH (1% soln/water): Not available.

Boiling Point: 80.1 (176.2°F)

Melting Point: 5.5°C (41.9°F)

Critical Temperature: 288.9°C (552°F)

Specific Gravity: 0.8787 @ 15 C (Water = 1)

Vapor Pressure: 10 kPa (@ 20°C)

Vapor Density: 2.8 (Air = 1)

Volatility: Not available.

Odor Threshold: 4.68 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 2.1

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether, acetone.

Solubility:

Miscible in alcohol, chloroform, carbon disulfide oils, carbon tetrachloride, glacial acetic acid, diethyl ether, acetone. Very slightly soluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources, incompatibles.

Incompatibility with various substances: Highly reactive with oxidizing agents, acids.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:

Benzene vapors + chlorine and light causes explosion. Reacts explosively with bromine pentafluoride, chlorine, chlorine trifluoride, diborane, nitric acid, nitryl perchlorate, liquid oxygen, ozone, silver perchlorate. Benzene + pentafluoride and methoxide (from arsenic pentafluoride and potassium methoxide) in trichlorotrifluoroethane causes explosion. Interaction of nitryl perchlorate with benzene gave a slight explosion and flash. The solution of permanganic acid (or its explosive anhydride, dimanganese heptoxide) produced by interaction of permanganates and sulfuric acid will explode on contact with benzene. Peroxodisulfuric acid is a very powerful oxidant. Uncontrolled contact with benzene may cause explosion. Mixtures of peroxomonsulfuric acid with benzene explodes.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 930 mg/kg [Rat]. Acute dermal toxicity (LD50): >9400 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 10000 7 hours [Rat].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH, 1 (Proven for human.) by IARC. **MUTAGENIC EFFECTS:** Classified POSSIBLE for human. Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. **DEVELOPMENTAL TOXICITY:** Classified Reproductive system/toxin/female [POSSIBLE]. Causes damage to the following organs: blood, bone marrow, central nervous system (CNS). May cause damage to the following organs: liver, Urinary System.

Other Toxic Effects on Humans:

Very hazardous in case of inhalation. Hazardous in case of skin contact (irritant, permeator), of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive effects (female fertility, Embryotoxic and/or foetotoxic in animal) and birth defects. May affect genetic material (mutagenic). May cause cancer (tumorigenic, leukemia)) Human: passes the placental barrier, detected in maternal milk.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Causes skin irritation. It can be absorbed through intact skin and affect the liver, blood, metabolism, and urinary system. Eyes: Causes eye irritation. Inhalation: Causes respiratory tract and mucous membrane irritation. Can be absorbed through the lungs. May affect behavior/Central and Peripheral nervous systems (somnolence, muscle weakness, general anesthetic, and other symptoms similar to ingestion), gastrointestinal tract (nausea), blood metabolism, urinary system. Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation including vomiting. May affect behavior/Central and Peripheral nervous systems (convulsions, seizures, tremor, irritability, initial CNS stimulation followed by depression, loss of coordination, dizziness, headache, weakness, pallor, flushing), respiration (breathlessness and chest constriction), cardiovascular system, (shallow/rapid pulse), and blood.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Benzene UNNA: 1114 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Benzene California prop. 65 (no significant risk level): Benzene: 0.007 mg/day (value) California prop. 65: This product contains the following ingredients

for which the State of California has found to cause cancer which would require a warning under the statute: Benzene Connecticut carcinogen reporting list.: Benzene Connecticut hazardous material survey.: Benzene Illinois toxic substances disclosure to employee act: Benzene Illinois chemical safety act: Benzene New York release reporting list: Benzene Rhode Island RTK hazardous substances: Benzene Pennsylvania RTK: Benzene Minnesota: Benzene Michigan critical material: Benzene Massachusetts RTK: Benzene Massachusetts spill list: Benzene New Jersey: Benzene New Jersey spill list: Benzene Louisiana spill reporting: Benzene California Director's list of Hazardous Substances: Benzene TSCA 8(b) inventory: Benzene SARA 313 toxic chemical notification and release reporting: Benzene CERCLA: Hazardous substances.: Benzene: 10 lbs. (4.536 kg)

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):

R11- Highly flammable. R22- Harmful if swallowed. R38- Irritating to skin. R41- Risk of serious damage to eyes. R45- May cause cancer. R62- Possible risk of impaired fertility. S2- Keep out of the reach of children. S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39- Wear eye/face protection. S46- If swallowed, seek medical advice immediately and show this container or label. S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

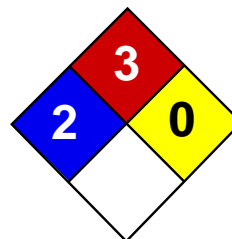
References: Not available.

Other Special Considerations: Not available.

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Last Updated: 11/06/2008 12:00 PM

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Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet

Toluene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Toluene

Catalog Codes: SLT2857, SLT3277

CAS#: 108-88-3

RTECS: XS5250000

TSCA: TSCA 8(b) inventory: Toluene

CI#: Not available.

Synonym: Toluol, Tolu-Sol; Methylbenzene; Methacide; Phenylmethane; Methylbenzol

Chemical Name: Toluene

Chemical Formula: C₆H₅-CH₃ or C₇H₈

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Toluene	108-88-3	100

Toxicological Data on Ingredients: Toluene: ORAL (LD50): Acute: 636 mg/kg [Rat]. DERMAL (LD50): Acute: 14100 mg/kg [Rabbit]. VAPOR (LC50): Acute: 49000 mg/m 4 hours [Rat]. 440 ppm 24 hours [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, the nervous system, liver, brain, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 480°C (896°F)

Flash Points: CLOSED CUP: 4.4444°C (40°F). (Setaflash) OPEN CUP: 16°C (60.8°F).

Flammable Limits: LOWER: 1.1% UPPER: 7.1%

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances:

Flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

Flammable liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards:

Toluene forms explosive reaction with 1,3-dichloro-5,5-dimethyl-2,4-imidazolididione; dinitrogen tetraoxide; concentrated nitric acid, sulfuric acid + nitric acid; N₂O₄; AgClO₄; BrF₃; Uranium hexafluoride; sulfur dichloride. Also forms an explosive mixture with tetranitromethane.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Toxic flammable liquid, insoluble or very slightly soluble in water. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage**Precautions:**

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

Storage:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 200 STEL: 500 CEIL: 300 (ppm) from OSHA (PEL) [United States] TWA: 50 (ppm) from ACGIH (TLV) [United States] SKIN TWA: 100 STEL: 150 from NIOSH [United States] TWA: 375 STEL: 560 (mg/m³) from NIOSH [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Sweet, pungent, Benzene-like.

Taste: Not available.

Molecular Weight: 92.14 g/mole

Color: Colorless.

pH (1% soln/water): Not applicable.

Boiling Point: 110.6°C (231.1°F)

Melting Point: -95°C (-139°F)

Critical Temperature: 318.6°C (605.5°F)

Specific Gravity: 0.8636 (Water = 1)

Vapor Pressure: 3.8 kPa (@ 25°C)

Vapor Density: 3.1 (Air = 1)

Volatility: Not available.

Odor Threshold: 1.6 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 2.7

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether, acetone.

Solubility:

Soluble in diethyl ether, acetone. Practically insoluble in cold water. Soluble in ethanol, benzene, chloroform, glacial acetic acid, carbon disulfide. Solubility in water: 0.561 g/l @ 25 deg. C.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources (flames, sparks, static), incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:

Incompatible with strong oxidizers, silver perchlorate, sodium difluoride, Tetranitromethane, Uranium Hexafluoride. Frozen Bromine Trifluoride reacts violently with Toluene at -80 deg. C. Reacts chemically with nitrogen oxides, or halogens to form nitrotoluene, nitrobenzene, and nitrophenol and halogenated products, respectively.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 636 mg/kg [Rat]. Acute dermal toxicity (LD50): 14100 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 440 24 hours [Mouse].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: blood, kidneys, the nervous system, liver, brain, central nervous system (CNS).

Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

Special Remarks on Toxicity to Animals:

Lowest Published Lethal Dose: LDL [Human] - Route: Oral; Dose: 50 mg/kg LCL [Rabbit] - Route: Inhalation; Dose: 55000 ppm/40min

Special Remarks on Chronic Effects on Humans:

Detected in maternal milk in human. Passes through the placental barrier in human. Embryotoxic and/or foetotoxic in animal. May cause adverse reproductive effects and birth defects (teratogenic). May affect genetic material (mutagenic)

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Causes mild to moderate skin irritation. It can be absorbed to some extent through the skin. Eyes: Causes mild to moderate eye irritation with a burning sensation. Splash contact with eyes also causes conjunctivitis, blepharospasm, corneal edema, corneal abrasions. This usually resolves in 2 days. Inhalation: Inhalation of vapor may cause respiratory tract irritation causing coughing and wheezing, and nasal discharge. Inhalation of high concentrations may affect behavior and cause central nervous system effects characterized by nausea, headache, dizziness, tremors, restlessness, lightheadedness, exhilaration, memory loss, insomnia, impaired reaction time, drowsiness, ataxia, hallucinations, somnolence, muscle contraction or spasticity, unconsciousness and coma. Inhalation of high concentration of vapor may also affect the cardiovascular system (rapid heart beat, heart palpitations, increased or decreased blood pressure, dysrhythmia,), respiration (acute pulmonary edema, respiratory depression, apnea, asphyxia), cause vision disturbances and dilated pupils, and cause loss of appetite. Ingestion: Aspiration hazard. Aspiration of Toluene into the lungs may cause chemical pneumonitis. May cause irritation of the digestive tract with nausea, vomiting, pain. May have effects similar to that of acute inhalation. Chronic Potential Health Effects: Inhalation and Ingestion: Prolonged or repeated exposure via inhalation may cause central nervous system and cardiovascular symptoms similar to that of acute inhalation and ingestion as well liver damage/failure, kidney damage/failure (with hematuria, proteinuria, oliguria, renal tubular acidosis), brain damage, weight loss, blood (pigmented or nucleated red blood cells, changes in white blood cell count), bone marrow changes, electrolyte imbalances (Hypokalemia, Hypophosphatemia), severe, muscle weakness and Rhabdomyolysis. Skin: Repeated or prolonged skin contact may cause defatting dermatitis.

Section 12: Ecological Information

Ecotoxicity:

Ecotoxicity in water (LC50): 313 mg/l 48 hours [Daphnia (daphnia)]. 17 mg/l 24 hours [Fish (Blue Gill)]. 13 mg/l 96 hours [Fish (Blue Gill)]. 56 mg/l 24 hours [Fish (Fathead minnow)]. 34 mg/l 96 hours [Fish (Fathead minnow)]. 56.8 ppm any hours [Fish (Goldfish)].

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Toluene UNNA: 1294 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Toluene California prop. 65 (no significant risk level): Toluene: 7 mg/day (value) California prop. 65 (acceptable daily intake level): Toluene: 7 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Toluene Connecticut hazardous material survey.: Toluene Illinois

toxic substances disclosure to employee act: Toluene Illinois chemical safety act: Toluene New York release reporting list: Toluene Rhode Island RTK hazardous substances: Toluene Pennsylvania RTK: Toluene Florida: Toluene Minnesota: Toluene Michigan critical material: Toluene Massachusetts RTK: Toluene Massachusetts spill list: Toluene New Jersey: Toluene New Jersey spill list: Toluene Louisiana spill reporting: Toluene California Director's List of Hazardous Substances.: Toluene TSCA 8(b) inventory: Toluene TSCA 8(d) H and S data reporting: Toluene: Effective date: 10/04/82; Sunset Date: 10/0/92 SARA 313 toxic chemical notification and release reporting: Toluene CERCLA: Hazardous substances.: Toluene: 1000 lbs. (453.6 kg)

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):

R11- Highly flammable. R20- Harmful by inhalation. S16- Keep away from sources of ignition - No smoking. S25- Avoid contact with eyes. S29- Do not empty into drains. S33- Take precautionary measures against static discharges.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

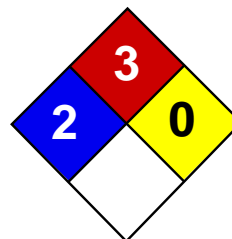
References: Not available.

Other Special Considerations: Not available.

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Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet

Ethylbenzene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Ethylbenzene

Catalog Codes: SLE2044

CAS#: 100-41-4

RTECS: DA0700000

TSCA: TSCA 8(b) inventory: Ethylbenzene

CI#: Not available.

Synonym: Ethyl Benzene; Ethylbenzol; Phenylethane

Chemical Name: Ethylbenzene

Chemical Formula: C₈H₁₀

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Ethylbenzene	100-41-4	100

Toxicological Data on Ingredients: Ethylbenzene: ORAL (LD50): Acute: 3500 mg/kg [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

Potential Chronic Health Effects:

Slightly hazardous in case of skin contact (irritant, sensitizer). CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 432°C (809.6°F)

Flash Points:

CLOSED CUP: 15°C (59°F). (Tagliabue.) OPEN CUP: 26.667°C (80°F) (Cleveland) (CHRIS, 2001) CLOSED CUP: 12.8 C (55 F) (Bingham et al, 2001; NIOSH, 2001) CLOSED CUP: 21 C (70 F) (NFPA)

Flammable Limits: LOWER: 0.8% - 1.6%UPPER: 6.7% - 7%

Products of Combustion: These products are carbon oxides (CO, CO2).

Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks, of heat.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive in presence of heat.

Fire Fighting Media and Instructions:

Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog.

Special Remarks on Fire Hazards:

Vapor may travel considerable distance to source of ignition and flash back. Vapors may form explosive mixtures with air. When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Vapors may form explosive mixtures in air.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Sensitive to light. Store in light-resistant containers.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 100 STEL: 125 (ppm) from OSHA (PEL) [United States] TWA: 435 STEL: 545 from OSHA (PEL) [United States] TWA: 435 STEL: 545 (mg/m³) from NIOSH [United States] TWA: 100 STEL: 125 (ppm) from NIOSH [United States] TWA: 100 STEL: 125 (ppm) from ACGIH (TLV) [United States] TWA: 100 STEL: 125 (ppm) [United Kingdom (UK)] TWA: 100 STEL: 125 (ppm) [Belgium] TWA: 100 STEL: 125 (ppm) [Finland] TWA: 50 (ppm) [Norway] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Sweetish. Gasoline-like. Aromatic.

Taste: Not available.

Molecular Weight: 106.16 g/mole

Color: Colorless.

pH (1% soln/water): Not available.

Boiling Point: 136°C (276.8°F)

Melting Point: -94.9 (-138.8°F)

Critical Temperature: 617.15°C (1142.9°F)

Specific Gravity: 0.867 (Water = 1)

Vapor Pressure: 0.9 kPa (@ 20°C)

Vapor Density: 3.66 (Air = 1)

Volatility: 100% (v/v).

Odor Threshold: 140 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; $\log(\text{oil/water}) = 3.1$

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, diethyl ether.

Solubility:

Easily soluble in diethyl ether. Very slightly soluble in cold water or practically insoluble in water. Soluble in all proportions in Ethyl alcohol. Soluble in Carbon tetrachloride, Benzene. Insoluble in Ammonia. Slightly soluble in Chloroform. Solubility in Water: 169 mg/l @ 25 deg. C.; 0.014 g/100 ml @ 15 deg. C.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources (flames, sparks, static), incompatible materials, light

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity:

Can react vigorously with oxidizing materials. Sensitive to light.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation.

Toxicity to Animals: Acute oral toxicity (LD50): 3500 mg/kg [Rat].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. May cause damage to the following organs: central nervous system (CNS).

Other Toxic Effects on Humans:

Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

Special Remarks on Toxicity to Animals:

Lethal Dose/Conc 50% Kill: LD50 [Rabbit] - Route: Skin; Dose: 17800 ul/kg Lowest Published Lethal Dose/Conc: LDL[Rat] - Route: Inhalation (vapor); Dose: 4000 ppm/4 H

Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive effects and birth defects (teratogenic) based on animal test data. May cause cancer based on animals data. IARC evidence for carcinogenicity in animals is sufficient. IARC evidence of carcinogenicity in humans inadequate. May affect genetic material (mutagenic).

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Can cause mild skin irritation. It can be absorbed through intact skin. Eyes: Contact with vapor or liquid can cause severe eye irritation depending on concentration. It may also cause conjunctivitis. At a vapor exposure level of 85 - 200 ppm, it is mildly and transiently irritating to the eyes; 1000 ppm causes further irritation and tearing; 2000 ppm results in immediate and severe irritation and tearing; 5,000 ppm is intolerable (ACGIH, 1991; Clayton and Clayton, 1994). Standard draize test for eye irritation using 500 mg resulted in severe irritation (RTECS) Inhalation: Exposure to high concentrations can cause nasal, mucous membrane and respiratory tract irritation and can also result in chest constriction and, trouble breathing, respiratory failure, and even death. It can also affect behavior/Central Nervous System. The effective dose for CNS depression in experimental animals was 10,000 ppm (ACGIH, 1991). Symptoms of CNS depression include

headache, nausea, weakness, dizziness, vertigo, irritability, fatigue, lightheadedness, sleepiness, tremor, loss of coordination, judgement and consciousness, coma, and death. It can also cause pulmonary edema. Inhalation of 85 ppm can produce fatigue, insomnia, headache, and mild irritation of the respiratory tract (Haley & Berndt, 1987). Ingestion: Do not drink, pipet or siphon by mouth. May cause gastrointestinal/digestive tract irritation with Abdominal pain, nausea, vomiting. Ethylbenzene is a pulmonary aspiration hazard. Pulmonary aspiration of even small amounts of the liquid may cause fatal pneumonitis. It may also affect behavior/central nervous system with

Section 12: Ecological Information

Ecotoxicity:

Ecotoxicity in water (LC50): 14 mg/l 96 hours [Fish (Trout)] (static). 12.1 mg/l 96 hours [Fish (Fathead Minnow)] (flow-through). 150 mg/l 96 hours [Fish (Blue Gill/Sunfish)] (static). 275 mg/l 96 hours [Fish (Sheepshead Minnow)]. 42.3 mg/l 96 hours [Fish (Fathead Minnow)](soft water). 87.6mg/l 96 hours [Shrimp].

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Ethylbenzene UNNA: 1175 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

Connecticut hazardous material survey.: Ethylbenzene Illinois toxic substances disclosure to employee act: Ethylbenzene Illinois chemical safety act: Ethylbenzene New York release reporting list: Ethylbenzene Rhode Island RTK hazardous substances: Ethylbenzene Pennsylvania RTK: Ethylbenzene Minnesota: Ethylbenzene Massachusetts RTK: Ethylbenzene Massachusetts spill list: Ethylbenzene New Jersey: Ethylbenzene New Jersey spill list: Ethylbenzene Louisiana spill reporting: Ethylbenzene California Director's List of Hazardous Substances: Ethylbenzene TSCA 8(b) inventory: Ethylbenzene TSCA 4(a) proposed test rules: Ethylbenzene TSCA 8(d) H and S data reporting: Ethylbenzene: Effective Date: 6/19/87; Sunset Date: 6/19/97 SARA 313 toxic chemical notification and release reporting: Ethylbenzene

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC). CLASSE D-2B: Material causing other toxic effects (TOXIC).

DSCL (EEC):

R11- Highly flammable. R20- Harmful by inhalation. S16- Keep away from sources of ignition - No smoking. S24/25- Avoid contact with skin and eyes. S29- Do not empty into drains.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information**References:**

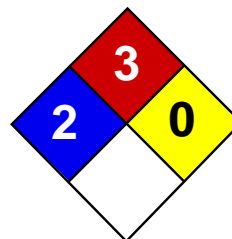
-Manufacturer's Material Safety Data Sheet. -Fire Protection Guide to Hazardous Materials, 13th ed., National Fire Protection Association (NFPA) -Registry of Toxic Effects of Chemical Substances (RTECS) -Chemical Hazard Response Information System (CHRIS) -Hazardous Substance Data Bank (HSDB) -New Jersey Hazardous Substance Fact Sheet -Ariel Global View -Reprotext System

Other Special Considerations: Not available.

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Health	2
Fire	3
Reactivity	0
Personal Protection	H

Material Safety Data Sheet

Xylenes MSDS

Section 1: Chemical Product and Company Identification

Product Name: Xylenes

Catalog Codes: SLX1075, SLX1129, SLX1042, SLX1096

CAS#: 1330-20-7

RTECS: ZE2100000

TSCA: TSCA 8(b) inventory: Xylenes

CI#: Not available.

Synonym: Xylenes; Dimethylbenzene; xylol; methyltoluene

Chemical Name: Xylenes (o-, m-, p- isomers)

Chemical Formula: C₆H₄(CH₃)₂

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Xylenes	1330-20-7	100

Toxicological Data on Ingredients: Xylenes: ORAL (LD50): Acute: 4300 mg/kg [Rat]. 2119 mg/kg [Mouse]. DERMAL (LD50): Acute: >1700 mg/kg [Rabbit].

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, liver, mucous membranes, bone marrow, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Flammable.

Auto-Ignition Temperature: 464°C (867.2°F)

Flash Points: CLOSED CUP: 24°C (75.2°F). (Tagliabue.) OPEN CUP: 37.8°C (100°F).

Flammable Limits: LOWER: 1% UPPER: 7%

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances:

Highly flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks, of heat.

Fire Fighting Media and Instructions:

Flammable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Remarks on Fire Hazards: Vapors may travel to source of ignition and flash back.

Special Remarks on Explosion Hazards:

Vapors may form explosive mixtures with air. Containers may explode when heated. May polymerize explosively when heated. An attempt to chlorinate xylene with 1,3-Dichloro-5,5-dimethyl-2,4-imidazolidindione (dichlorohydrantoin) caused a violent explosion

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined

areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.

Storage:

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 100 (ppm) [Canada] TWA: 435 (mg/m³) [Canada] TWA: 434 STEL: 651 (mg/m³) from ACGIH (TLV) [United States]
TWA: 100 STEL: 150 (ppm) from ACGIH (TLV) [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Sweetish.

Taste: Not available.

Molecular Weight: 106.17 g/mole

Color: Colorless. Clear

pH (1% soln/water): Not available.

Boiling Point: 138.5°C (281.3°F)

Melting Point: -47.4°C (-53.3°F)

Critical Temperature: Not available.

Specific Gravity: 0.864 (Water = 1)

Vapor Pressure: 0.9 kPa (@ 20°C)

Vapor Density: 3.7 (Air = 1)

Volatility: Not available.

Odor Threshold: 1 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; $\log(\text{oil/water}) = 3.1$

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:

Insoluble in cold water, hot water. Miscible with absolute alcohol, ether, and many other organic liquids.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources, incompatibles

Incompatibility with various substances: Reactive with oxidizing agents, acids.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Store away from acetic acid, nitric acid, chlorine, bromine, and fluorine.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 2119 mg/kg [Mouse]. Acute dermal toxicity (LD50): >1700 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 5000 4 hours [Rat].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. May cause damage to the following organs: blood, kidneys, liver, mucous membranes, bone marrow, central nervous system (CNS).

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals:

Lowest Lethal Dose: LDL [Human] - Route: Oral; Dose: 50 mg/kg LCL [Man] - Route: Oral; Dose: 10000 ppm/6H

Special Remarks on Chronic Effects on Humans:

Detected in maternal milk in human. Passes through the placental barrier in animal. Embryotoxic and/or foetotoxic in animal. May cause adverse reproductive effects (male and female fertility (spontaneous abortion and fetotoxicity)) and birth defects based animal data.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Causes skin irritation. Can be absorbed through skin. Eyes: Causes eye irritation. Inhalation: Vapor causes respiratory tract and mucous membrane irritation. May affect central nervous system and behavior (General anesthetic/CNS depressant with effects including headache, weakness, memory loss, irritability, dizziness, giddiness, loss of coordination and judgement, respiratory depression/arrest or difficulty breathing, loss of appetite, nausea, vomiting, shivering, and possible coma and death). May also affects blood, sense organs, liver, and peripheral nerves. Ingestion: May cause gastrointestinal irritation including abdominal pain, vomiting, and nausea. May also affect liver and urinary system/kidneys. May cause effects similar to those of acute inhalation. Chronic Potential Health Effects: Chronic inhalation may affect the urinary system (kidneys) blood (anemia), bone marrow (hyperplasia of bone marrow) brain/behavior/Central Nervous system. Chronic inhalation may also cause mucosal bleeding. Chronic ingestion may affect the liver and metabolism (loss of appetite) and may affect urinary system (kidney damage)

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 3: Flammable liquid.

Identification: : Xylenes UNNA: 1307 PG: III

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

Connecticut hazardous material survey.: Xylenes Illinois chemical safety act: Xylenes New York acutely hazardous substances: Xylenes Rhode Island RTK hazardous substances: Xylenes Pennsylvania RTK: Xylenes Minnesota: Xylenes Michigan critical material: Xylenes Massachusetts RTK: Xylenes Massachusetts spill list: Xylenes New Jersey: Xylenes New Jersey spill list: Xylenes Louisiana spill reporting: Xylenes California Director's List of Hazardous Substances: Xylenes TSCA 8(b) inventory: Xylenes SARA 302/304/311/312 hazardous chemicals: Xylenes SARA 313 toxic chemical notification and release reporting: Xylenes CERCLA: Hazardous substances.: Xylenes: 100 lbs. (45.36 kg)

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada):

CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):

R10- Flammable. R21- Harmful in contact with skin. R36/38- Irritating to eyes and skin. S2- Keep out of the reach of children. S36/37- Wear suitable protective clothing and gloves. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: h

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 3

Reactivity: 0

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

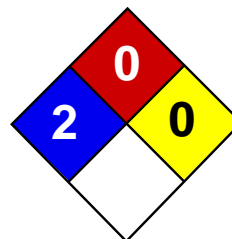
References: Not available.

Other Special Considerations: Not available.

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Health	2
Fire	0
Reactivity	0
Personal Protection	G

Material Safety Data Sheet

Tetrachloroethylene MSDS

Section 1: Chemical Product and Company Identification

Product Name: Tetrachloroethylene

Catalog Codes: SLT3220

CAS#: 127-18-4

RTECS: KX3850000

TSCA: TSCA 8(b) inventory: Tetrachloroethylene

CI#: Not available.

Synonym: Perchloroethylene; 1,1,2,2-Tetrachloroethylene; Carbon bichloride; Carbon dichloride; Ankilostin; Didakene; Dilatin PT; Ethene, tetrachloro-; Ethylene tetrachloride; Perawin; Perchlor; Perclene; Perclene D; Percosolve; Tetrachloroethene; Tetraleno; Tetralex; Tetravec; Tetrogue; Tetropil

Chemical Name: Ethylene, tetrachloro-

Chemical Formula: C₂-Cl₄

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Tetrachloroethylene	127-18-4	100

Toxicological Data on Ingredients: Tetrachloroethylene: ORAL (LD₅₀): Acute: 2629 mg/kg [Rat]. DERMAL (LD): Acute: >3228 mg/kg [Rabbit]. MIST(LC₅₀): Acute: 34200 mg/m 8 hours [Rat]. VAPOR (LC₅₀): Acute: 5200 ppm 4 hours [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator), of eye contact (irritant), of ingestion.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. Classified 2A (Probable for human.) by IARC, 2 (anticipated carcinogen) by NTP. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to kidneys, liver, peripheral nervous system, respiratory tract, skin, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:

Do not ingest. Do not breathe gas/fumes/ vapor/spray. Avoid contact with skin. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, metals, acids, alkalis.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Personal Protection:

Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

TWA: 25 (ppm) from OSHA (PEL) [United States] TWA: 25 STEL: 100 (ppm) from ACGIH (TLV) [United States] TWA: 170 (mg/m3) from OSHA (PEL) [United States] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Ethereal.

Taste: Not available.

Molecular Weight: 165.83 g/mole

Color: Clear Colorless.

pH (1% soln/water): Not available.

Boiling Point: 121.3°C (250.3°F)

Melting Point: -22.3°C (-8.1°F)

Critical Temperature: 347.1°C (656.8°F)

Specific Gravity: 1.6227 (Water = 1)

Vapor Pressure: 1.7 kPa (@ 20°C)

Vapor Density: 5.7 (Air = 1)

Volatility: Not available.

Odor Threshold: 5 - 50 ppm

Water/Oil Dist. Coeff.: The product is more soluble in oil; log(oil/water) = 3.4

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility:

Miscible with alcohol, ether, chloroform, benzene, hexane. It dissolves in most of the fixed and volatile oils. Solubility in water: 0.015 g/100 ml @ 25 deg. C It slowly decomposes in water to yield Trichloroacetic and Hydrochloric acids.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials

Incompatibility with various substances: Reactive with oxidizing agents, metals, acids, alkalis.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:

Oxidized by strong oxidizing agents. Incompatible with sodium hydroxide, finely divided or powdered metals such as zinc, aluminum, magnesium, potassium, chemically active metals such as lithium, beryllium, barium. Protect from light.

Special Remarks on Corrosivity: Slowly corrodes aluminum, iron, and zinc.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 2629 mg/kg [Rat]. Acute dermal toxicity (LD50): >3228 mg/kg [Rabbit]. Acute toxicity of the vapor (LC50): 5200 4 hours [Mouse].

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH. Classified 2A (Probable for human.) by IARC, 2 (Some evidence.) by NTP. MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. May cause damage to the following organs: kidneys, liver, peripheral nervous system, upper respiratory tract, skin, central nervous system (CNS).

Other Toxic Effects on Humans:

Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator), of ingestion.

Special Remarks on Toxicity to Animals:

Lowest Published Lethal Dose/Conc: LDL [Rabbit] - Route: Oral; Dose: 5000 mg/kg LDL [Dog] - Route: Oral; Dose: 4000 mg/kg LDL [Cat] - Route: Oral; Dose: 4000 mg/kg

Special Remarks on Chronic Effects on Humans:

May cause adverse reproductive effects and birth defects (teratogenic). May affect genetic material (mutagenic). May cause cancer.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Causes skin irritation with possible dermal blistering or burns. Symptoms may include redness, itching, pain, and possible dermal blistering or burns. It may be absorbed through the skin with possible systemic effects. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts. Eyes: Contact causes transient eye irritation, lacrimation. Vapors cause eye/conjunctival irritation. Symptoms may include redness and pain. Inhalation: The main route to occupational exposure is by inhalation since it is readily absorbed through the lungs. It causes respiratory tract irritation, . It can affect behavior/central nervous system (CNS depressant and anesthesia ranging from slight inebriation to death, vertigo, somnolence, anxiety, headache, excitement, hallucinations, muscle incoordination, dizziness, lightheadness, disorientation, seizures, emotional instability, stupor, coma). It may cause pulmonary edema. Ingestion: It can cause nausea, vomiting, anorexia, diarrhea, bloody stool. It may affect the liver, urinary system (proteinuria, hematuria, renal failure, renal tubular disorder), heart (arrhythmias). It may affect behavior/central nervous system with symptoms similar to that of inhalation. Chronic Potential Health Effects: Skin: Prolonged or repeated skin contact may result in excessive drying of the skin, and irritation. Ingestion/Inhalation: Chronic exposure can affect the liver (hepatitis, fatty liver degeneration), kidneys, spleen, and heart (irregular heartbeat/arrhythmias, cardiomyopathy, abnormal EEG), brain, behavior/central nervous system/peripheral nervous system (impaired memory, numbness of extremities, peripheral neuropathy and other

Section 12: Ecological Information

Ecotoxicity:

Ecotoxicity in water (LC50): 18.4 mg/l 96 hours [Fish (Fathead Minnow)]. 18 mg/l 48 hours [Daphnia (daphnia)]. 5 mg/l 96 hours [Fish (Rainbow Trout)]. 13 mg/l 96 hours [Fish (Bluegill sunfish)].

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Tetrachloroethylene UNNA: 1897 PG: III

Special Provisions for Transport: Marine Pollutant

Section 15: Other Regulatory Information

Federal and State Regulations:

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Tetrachloroethylene California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Tetrachloroethylene Connecticut hazardous material survey.: Tetrachloroethylene Illinois toxic substances disclosure to employee act: Tetrachloroethylene Illinois chemical safety act: Tetrachloroethylene New York release reporting list: Tetrachloroethylene Rhode Island RTK hazardous substances: Tetrachloroethylene Pennsylvania RTK: Tetrachloroethylene Minnesota: Tetrachloroethylene Michigan critical material: Tetrachloroethylene Massachusetts RTK: Tetrachloroethylene Massachusetts spill list: Tetrachloroethylene New Jersey: Tetrachloroethylene New Jersey spill list: Tetrachloroethylene Louisiana spill reporting: Tetrachloroethylene California Director's List of Hazardous Substances: Tetrachloroethylene TSCA 8(b) inventory: Tetrachloroethylene TSCA 8(d) H and S data reporting: Tetrachloroethylene: Effective date: 6/1/87; Sunset date: 6/1/97 SARA 313 toxic chemical notification and release reporting: Tetrachloroethylene CERCLA: Hazardous substances.: Tetrachloroethylene: 100 lbs. (45.36 kg)

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:**WHMIS (Canada):**

CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):

R40- Possible risks of irreversible effects. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S23- Do not breathe gas/fumes/vapour/spray S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37- Wear suitable gloves. S61- Avoid release to the environment. Refer to special instructions/Safety data sheets.

HMIS (U.S.A.):**Health Hazard:** 2**Fire Hazard:** 0**Reactivity:** 0**Personal Protection:** g**National Fire Protection Association (U.S.A.):****Health:** 2**Flammability:** 0**Reactivity:** 0**Specific hazard:****Protective Equipment:**

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information**References:** Not available.**Other Special Considerations:** Not available.**Created:** 10/10/2005 08:29 PM**Last Updated:** 05/21/2013 12:00 PM

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APPENDIX D

Incident Investigation and Reporting Program

INCIDENT INVESTIGATION AND REPORTING MANAGEMENT PROGRAM

CORPORATE HEALTH AND SAFETY MANAGER : **Brian Hobbs, CIH, CSP**
EFFECTIVE DATE : **07/18**
REVISION NUMBER : **4**

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APPENDICES

Appendix A – Accident Report and Investigation Form
Appendix B – Lessons Learned Form
Appendix C – Injury Illness Reporting Flow Chart

1. PURPOSE

Roux Associates, Inc. and its affiliated companies, Roux Environmental Engineering and Geology, D.P.C, and Remedial Engineering (collectively, "Roux") has instituted the following management program for reporting Environmental Health and Safety (EHS) incidents and near losses, investigation and correcting the causes of incidents, tracking incidents and corrective actions taken, and sharing the cause and corrective actions with Roux personnel. These practices and procedures establish a method to track progress and improvements to the company EHS performance.

2. SCOPE AND APPLICABILITY

These procedures apply to all Roux employees. Employees are required to follow these procedures for all incidents involving Roux personnel, or other personnel (e.g., subcontractors) working for Roux, regardless of the specific work activity or work location.

This program is intended, in part, to fulfill the Occupational Safety and Health Administration (OSHA) occupational injury and illness reporting and recording requirements cited in the Code of Federal Regulations (CFR) at 29 CFR 1904.

3. RESPONSIBILITIES

It shall be the responsibility of all Roux employees to report all incidents as soon as possible to the PM (or Administrative Manager for office-related incidents), SHSO, OHSM and OM, regardless of severity. Additionally, the following positions have specific responsibilities for implementing this specific SOP.

3.1 Corporate Health and Safety Manager (CHSM)

- The CHSM has the responsibility of ensuring that a system is in place for reporting, investigation, correction, and communicating of EHS incidents and near losses.
- The CHSM has the overall responsibility of implementing and communicating the contents of this program to Office Health and Safety Managers (OHSMs).
- The CHSM will review all incidents and corrective actions taken. The CHSM will provide a summary of serious incidents to the Board of Directors.
- The CHSM will communicate learnings from incidents and corrective actions taken to all personnel, through quarterly communications.
- The CHSM will periodically review and evaluate the effectiveness of this procedure.

3.2 Office Manager (OM)

- The OM will designate the individual to serve as the OHSM responsibility for ensuring that requirements in this procedure are met.
- The OM will ensure that sufficient resources are allocated to fulfill the requirements of this procedure.
- The OM will conduct final review of all incident reports prepared under this procedure.

3.3 Office Health and Safety Manager (OHSM)

- It is the responsibility of the OHSM to review draft incident reports and assist the OM in finalizing reports of all accidents, illnesses and incidents related to work activity, and to assist the SHSO when necessary.

- The OHSM may not approve a site-specific HASP unless the HASP includes incident reporting procedures and forms.
- The OHSM will suggest and implement corrective actions to prevent the same type of incident from re-occurring.
- The OHSM will keep all incident reports, corrective action taken, and follow-up forms on file. The OHSM will provide copies of all final reports and forms to the CHSM within one week of the incident. If a serious incident occurs, the CHSM will be notified as soon as possible.
- The occurrence of a serious incident will trigger an EHS audit by the OHSM.

3.4 Project Manager (PM)

- It shall be the PM's responsibility to promptly correct any deficiencies that were determined to cause or contribute to the incident investigated.
- If a site-specific HASP is not utilized, the PM must ensure that field personnel have copies of the Roux Accident Reporting and Investigation Forms.
- The PM has the responsibility of ensuring that the SHSO and other field personnel understand the need for timely incident reporting.
- In the event of an incident, the PM will determine the root cause of the incident with the assistance of the SHSO and/or OHSM. The PM should provide input as to corrective preventative measures.

3.5 Site Health and Safety Officer (SHSO)

- The SHSO shall provide the details of the incident to the OHSM, PM and OM. The OM or his delegate will provide additional notifications, such as, in the event of a work-related motor vehicle accident, to include Roux Legal.
- It is the SHSO's responsibility to immediately notify the OHSM and the PM when any incident occurs. Such notification should take place immediately following the completion of any emergency actions required by the HASP.
- The SHSO should provide input as to corrective preventative measures.
- The SHSO must ensure that corrective actions proposed by the OHSM or OM are carried out.

3.6 All Personnel

- All personnel are responsible for reporting and describing the details of any incident in which they are involved to the SHSO and PM. Such notification should take place immediately following the completion of any emergency actions required by the HASP and after the loss and before the scene is disturbed or vehicles moved.

4. PROCEDURE

4.1 Incident Investigation

On receiving a report of incident (or "near-loss") occurrence from a Roux employee, the SHSO or OHSM shall immediately investigate the circumstances and shall make appropriate recommendations to prevent recurrence. The Incident Report form can be found in **Appendix A**, and "near loss" Roux Lessons Learned form can be found in **Appendix B**. The OHSM may participate in the investigation of more serious accidents and incidents that occur on-site. The Corporate Health and Safety Manager (CHSM) shall also be immediately notified by telephone on occurrence of a serious accident or incident. At the CHSM's discretion, he may also participate in the investigation.

4.2 Incident Report

Details of the incident shall be documented using the Accident Report and Investigation Forms (Appendix A) within twenty-four (24) hours of the incident and shall be distributed to the SHSO, the OHSM, PM, OM and the CHSM. The CHSM will update OSHA Forms 301 and the 300 log when necessary.



Appendix A – Accident Report and Investigation Form

☐ Roux Environmental Engineering and Geology, D.P.C.
☐ Roux Associates, Inc. ☐ Remedial Engineering, P.C.

ACCIDENT REPORT

Brian Hobbs, Corporate Health and Safety Manager
Cell: (631) 807-0193; Office: (631) 630-2416

PART 1: ADMINISTRATIVE INFORMATION

Project #: _____ Project Name: _____ Project Location (street address/city/state): _____ Client Corporate Name / Contact / Address / Phone #: _____ _____ _____ _____ _____ _____		Immediate Verbal Notifications Given To: Corporate Health & Safety <input type="checkbox"/> Yes <input type="checkbox"/> No Office Health & Safety <input type="checkbox"/> Yes <input type="checkbox"/> No Office Manager <input type="checkbox"/> Yes <input type="checkbox"/> No Project Principal <input type="checkbox"/> Yes <input type="checkbox"/> No Project Manager <input type="checkbox"/> Yes <input type="checkbox"/> No Client Contact <input type="checkbox"/> Yes <input type="checkbox"/> No REPORT TYPE: <input type="checkbox"/> Loss <input type="checkbox"/> Near Loss Estimated Costs: \$ _____	REPORT STATUS (time due): <input type="checkbox"/> Initial (24 hr) <input type="checkbox"/> Final (5-10 days) Date: _____ Date: _____ Accident Report Delivered To: Corporate Health & Safety <input type="checkbox"/> Yes <input type="checkbox"/> No Office Health & Safety <input type="checkbox"/> Yes <input type="checkbox"/> No Office Manager <input type="checkbox"/> Yes <input type="checkbox"/> No Project Principal <input type="checkbox"/> Yes <input type="checkbox"/> No Project Manager <input type="checkbox"/> Yes <input type="checkbox"/> No	
OSHA CASE # Assigned by Corporate Health & Safety if Applicable: _____		Corporate Health & Safety Confirmed Final Accident Report <input type="checkbox"/> Yes <input type="checkbox"/> No		
DATE OF INCIDENT: _____	TIME INCIDENT OCCURRED: _____ <input type="checkbox"/> AM <input type="checkbox"/> PM	INCIDENT LOCATION – City, State, and Country (If outside U.S.A.) _____		
INCIDENT TYPES: (Select most appropriate if Loss occurred.) From lists below, please select the option that best categories the incident. When selecting an injury or illness, also indicate the severity level.				
<div><input type="checkbox"/> INJURY -----Severity Level----- <input type="checkbox"/> Fatality <input type="checkbox"/> First Aid <input type="checkbox"/> Medical <input type="checkbox"/> Restricted Work <input type="checkbox"/> Lost Time <input type="checkbox"/> Treatment</div> <div><input type="checkbox"/> ILLNESS</div> <div>OTHER INCIDENT TYPES <input type="checkbox"/> Spill / Release Material involved: _____ Quantity (U.S. Gallons): _____ <input type="checkbox"/> Misdirected Waste <input type="checkbox"/> Consent Order <input type="checkbox"/> NOV <input type="checkbox"/> Property Damage <input type="checkbox"/> Exceedance <input type="checkbox"/> Motor Vehicle <input type="checkbox"/> Fine / Penalty</div>				
ACTIVITY TYPE (Check most appropriate one.) <input type="checkbox"/> Decommissioning <input type="checkbox"/> Geoprobe <input type="checkbox"/> Sampling <input type="checkbox"/> Demolition <input type="checkbox"/> Motor Vehicle <input type="checkbox"/> System Start-up <input type="checkbox"/> Dewatering <input type="checkbox"/> Operations/ Maintenance <input type="checkbox"/> Trenching <input type="checkbox"/> Drilling <input type="checkbox"/> AST/UST Removal <input type="checkbox"/> Excavation <input type="checkbox"/> Pump/Pilot Test <input type="checkbox"/> Other _____ <input type="checkbox"/> Gauging <input type="checkbox"/> Rigging/Lifting		INJURY TYPE (Check all applicable.) <input type="checkbox"/> Abrasion <input type="checkbox"/> Occupational Illness <input type="checkbox"/> Amputation <input type="checkbox"/> Puncture <input type="checkbox"/> Burn <input type="checkbox"/> Rash <input type="checkbox"/> Cold/Heat Stress <input type="checkbox"/> Repetitive Motion <input type="checkbox"/> Inflammation <input type="checkbox"/> Sprain/Strain <input type="checkbox"/> Laceration <input type="checkbox"/> Other _____	BODY PART AFFECTED (Check all applicable.) <input type="checkbox"/> Respiratory <input type="checkbox"/> Shoulder <input type="checkbox"/> Face <input type="checkbox"/> Neck <input type="checkbox"/> Arm <input type="checkbox"/> Leg <input type="checkbox"/> Chest <input type="checkbox"/> Wrist <input type="checkbox"/> Knee <input type="checkbox"/> Abdomen <input type="checkbox"/> Hand/Fingers <input type="checkbox"/> Ankle <input type="checkbox"/> Groin <input type="checkbox"/> Eye <input type="checkbox"/> Foot/Toes <input type="checkbox"/> Back <input type="checkbox"/> Head <input type="checkbox"/> Other _____	
I. PERSON(S) DIRECTLY / INDIRECTLY INVOLVED IN INCIDENT (Attach additional information as necessary/applicable.)				
Name/Phone # of Each Person Directly/Indirectly Involved in Incident:	Designate: Roux/Remedial Employee Roux/Remedial Subcontractor Client Employee Client Contractor Third Party	As applicable, Current Occupation; Yrs in Current Occupation; Current Position; and Yrs in Current Position:	As applicable, Employer Name; Address; and Phone #:	As applicable, Supervisor Name; and Phone #:
1)				
2)				



IV. WITNESSES TO INCIDENT (Attach additional information as necessary/applicable.)		
Witness Name:	Address:	Phone #:
1)		
2)		

PROVIDE FACTUAL DESCRIPTION OF INCIDENT (e.g., describe loss/near loss, injury, response / treatment).

II. PUBLIC RESPONSES TO INCIDENT (if applicable)				
Response/Inquiry By: (check one)	Entity Name:	Name/Phone # of Respondent/ Inquirer:	Address of Entity/Person:	Date & Time of Response/Inquiry:
<input type="checkbox"/> Newspaper <input type="checkbox"/> Television <input type="checkbox"/> Community Group <input type="checkbox"/> Neighbors <input type="checkbox"/> Other				

Corporate Health and Safety Management Program | ROUX | ii

PART 3: INVESTIGATION TEAM ANALYSIS

CONCLUSION: WHY IT HAPPENED (LIST CAUSAL FACTORS AND CORRESPONDING ROOT CAUSES)

(Root Causes: Lack of knowledge or skill, Doing the task according to procedures or acceptable practices takes more time or effort, Short-cuts or not following acceptable practices is reinforced or tolerated, Not following procedures or acceptable practices did not result in an accident, Lack of or inadequate procedures, Inadequate communications of expectations regarding procedures or acceptable practices, Inadequate tools or equipment, External Factors)

ROOT CAUSE(S) AND SOLUTION(S): HOW TO PREVENT INCIDENT FROM RECURRING

PERSONAL FACTORS:

- A. LACK OF SKILL OR KNOWLEDGE
- B. DOING THE JOB ACCORDING TO PROCEDURES OR ACCEPTABLE PRACTICES TAKES MORE TIME OR EFFORT
- C. SHORT-CUTTING PROCEDURES OR ACCEPTABLE PRACTICES IS POSITIVELY REINFORCED OR TOLERATED
- D. IN PAST, DID NOT FOLLOW PROCEDURES OR ACCEPTABLE PRACTICES AND NO INCIDENT OCCURRED

JOB FACTORS:

- E. LACK OF OR INADEQUATE PROCEDURES
- F. INADEQUATE COMMUNICATION OF EXPECTATIONS REGARDING PROCEDURES OR ACCEPTABLE STANDARDS
- G. INADEQUATE TOOLS OR EQUIPMENT (available, maintained, etc.)

CAUSAL FACTOR / BEHAVIOR / CONDITION	ROOT CAUSE	SOLUTION(S) [Must Match Root Cause(s)]		PERSON RESPONSIBLE	AGREED DUE DATE	ACTUAL COMPLETION DATE
		#	Solution(s)			

INVESTIGATION TEAM:

PRINT NAME	JOB POSITION	DATE	SIGNATURE

QUALITY REVIEW Correct root cause(s) identified? Do root cause(s) and solution(s) match? Are solution(s) feasible / maintainable?

Name:

Job Title:

PART 4: Date Solutions were Implemented & Validated (Were Solutions Effective?)

Date	Solution	Verifier / Validator Name and Job Title	Details (of I & V performed)



Appendix B - Lessons Learned Form

HEALTH & SAFETY LESSONS LEARNED ROUX REPORT FORM

- ☐ Roux Environmental Engineering and Geology, D.P.C.
☐ Roux Associates, Inc. ☐ Remedial Engineering, P.C.

(Check applicable company name)

PART 1: ADMINISTRATIVE INFORMATION

Office: ☐ New York ☐ Massachusetts ☐ New Jersey ☐ Illinois ☐ CA - Los Angeles ☐ CA - Oakland

Project Manager:

Project Principal:

Project Name:

Project Location:

PART 2: LESSONS LEARNED INCIDENT DETAILS

Date\Time Occurred (MM/DD/YYYY HH:MM):

Date\Time Submitted (MM/DD/YYYY HH:MM):

LESSONS LEARNED INCIDENT TYPE - What could have happened? - Select all that apply (1-7)

- | | | | |
|---|---|---|--|
| 1. <input type="checkbox"/> Fire /
Explosion | 3. <input type="checkbox"/> Security (e.g, theft,
trespassing,
vandalism) | 4. <input type="checkbox"/> Environmental (spill, permit
exceedance, etc.) | 6. <input type="checkbox"/> Property/Equipment
Damage |
| 2. <input type="checkbox"/> Injury /
Illness | | 5. <input type="checkbox"/> Transportation of personnel (vehicle
accident) | 7. <input type="checkbox"/> Business Interruption |

Event Leading to Potential Injury/Illness:

Job Task*:

Equipment Involved*:

WHAT HAPPENED? Do not include individuals' names. Ensure photos, sketches, etc. are not personally identifiable unless written consent has been obtained.

Summary (1-2 sentences. Provide brief description of the incident. Provide facts only, no speculation or opinion):

Incident Details (Brief factual details of what, where, when; include photos, sketches, etc. as attachments):

Immediate Corrective Actions Taken:

SERIOUS INJURY OR FATALITY (SIF): IF AN ACTUAL SIF, USE EXISTING ROUX ACCIDENT REPORTING FORM

Could this have resulted in a SIF? ☐ Yes ☐ No

A potential SIF is defined as likely to have caused an injury resulting in significant physical body damage with probable long term and/or life altering complications.

INCIDENT INVOLVED:

Roux Employee: ☐ Yes ☐ No Subcontractor Company Name:

INVESTIGATION TEAM

NAME	JOB TITLE	NAME	JOB TITLE

PART 3: INCIDENT INVESTIGATION FINDINGS AND REPORT QUALITY REVIEW

Date Investigation Team Assigned (mm/dd/yyyy):

INVESTIGATION SUMMARY: Determine from list below what behaviors and/or conditions may have contributed to the H&S Lessons Learned Incident. Then, use the "Multiple-Why Technique" for each of these behaviors/conditions; provide a narrative for each that explains how the associated Root Cause(s) was determined. **Do not include individuals' names.**

ROOT CAUSES: HOW TO REDUCE POSSIBILITY OF INCIDENT RECURRING

Selection of RCs and solutions reflects the analysis of investigation team. It is not meant as a legally binding conclusion as to causal factors and/or solutions.

PERSONAL FACTORS:

- A. LACK OF SKILL OR KNOWLEDGE
- B. DOING THE JOB ACCORDING TO PROCEDURES OR ACCEPTABLE PRACTICES TAKES MORE TIME OR EFFORT
- C. SHORT-CUTTING PROCEDURES OR ACCEPTABLE PRACTICES IS POSITIVELY REINFORCED OR TOLERATED
- D. IN PAST, DID NOT FOLLOW PROCEDURES OR ACCEPTABLE PRACTICES AND NO INCIDENT OCCURRED

JOB FACTORS:

- E. LACK OF OR INADEQUATE PROCEDURES
- F. INADEQUATE COMMUNICATION OF EXPECTATIONS REGARDING PROCEDURES OR ACCEPTABLE STANDARDS
- G. INADEQUATE TOOLS OR EQUIPMENT (available, maintained, etc.)

Behavior / Condition	Root Cause	Solution(s) (Must Match Root Cause)	Person Responsible for Completion	Completion Target Date	Completion Actual Date

QUALITY REVIEW Correct root cause(s) identified? Do root cause(s) and solution(s) match? Are solution(s) feasible / maintainable?

Name:

Job Title:

PART 4: Date Solutions were Implemented & Validated (Were Solutions Effective?)

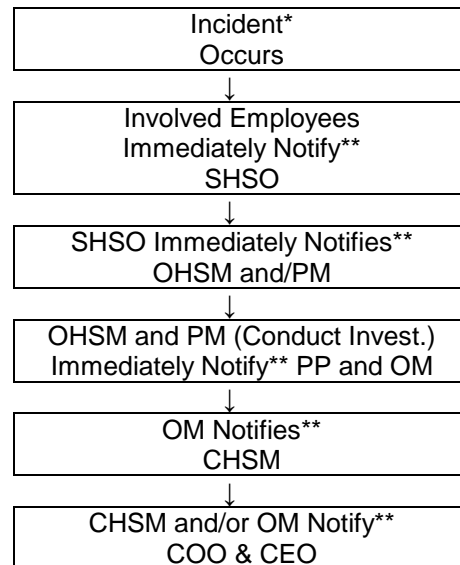
Date	Solution	Verifier / Validator Name and Job Title	Details (of I & V performed)

JOB TASK - Select the most appropriate one (primary job associated with incident-related work activity, avoid "Other" if possible)			
1. Carbon Change	7. Gauging	12. Pavement Cutting	18. System Startup
2. Construction	8. Geoprobe / Direct Push	13. Pump Test	19. UST Removal
3. Demolition	9. Mobil Remediation (includes vacuum event and chemical injection)	14. Sampling	20. Waste Management exposure and
4. Dewatering	10. NAPL Recovery	15. Site Visit / Survey	21. Well Abandonment
5. Drilling (well install)	11. O&M (remediation system)	16. Subsurface	22. Other:
6. Excavation /		17. System Install	

EQUIPMENT INVOLVED THAT CONTRIBUTED TO H&S LESSONS LEARNED - Select all that apply				
1. Air Stripper	25. Fire Extinguisher	51. Maintenance Tool, General	77. Safety Shoes / Boots	98. Vapor Extraction System
2. API Separator	26. Forklift	52. Manifold	78. Safety Vest / Clothing	99. Vapor-Phase Treatment System
3. Automobile	27. Front End Loader	53. Manlift/Basket/Cherry Picker	79. Rope	100. Other System, Type:
4. Boom Material	28. Grader	54. Motor, Electric	80. Bailer	101. Surge Tank
5. Bulldozer	29. Hammer	55. Oxidizer	81. Geoprobe	102. Underground Tank
6. Cable	30. Knife	56. Pallet	82. Hand Auger	103. Telemetry System
7. Carbon Drum / Vessel	31. Non-Powered Equipment	57. Piping	83. PID	104. Testing Devices
8. Chain Block	32. Powered Equipment	58. Piping, Hose	84. Multi-Gas Meter	105. Tractor Trailer
9. Compressor, Air	33. Drill	59. Piping, Injection/Mixing Point	85. Sample Container	106. Truck, Flatbed
10. Control Panel (local)	34. Grinder	60. Hydrojet	86. Split-Spoon Sampler	107. Truck, Pickup
11. Crane (mobile)	35. Hydraulic Torque Wrench	61. Centrifugal Pump	87. Sling	108. Truck, Tank Truck
12. Drill Rig	36. Powered Saw	62. Diaphragm Pump	88. Snow Blower	109. Truck, Vacuum
13. Drilling Equipment, Vacuum	37. Impact Wrench	63. Reciprocating Pump	89. Snow Plow	110. Safety Valve
14. Drum, Vertical	38. Saw	64. Regenerative Pump	90. Space Heater	111. Block Valve
15. Dump Truck	39. Screwdriver	65. Rotary Pump	91. Air Sparging System	112. Extraction Well
16. Electric Heater	40. Shears	66. Transfer Pump	92. Carbon Treatment System	113. Monitoring Well
17. Electrical Power Supply	41. Shovel	67. Submersible Pump	93. Chemical Oxidation System	114. Recovery Well
18. Engine, Combustion	42. Snip	68. Face Shield	94. Dual Phase Product Recovery System	115. Winch
19. Equipment Safety Grounding	43. Wrench	69. Fall Protection	95. Groundwater Pump and Treat System	116. Wire Rope
20. Excavator / Power Shovel	44. Hoist	70. Gloves	96. POET System	117. No Equipment Involved
21. Exclusion Zone Equipment	45, Hook/Clamp/Buckle, etc.	71. Hard Hat / Helmet	97. Shed or Trailer	118. MPT – Traffic Control Devices
22 Fan / Blower	46. Jack	72. Hearing Protection		118. Not in List (describe)
23 Fencing	47. Ladder, Extension	73. Respiratory PPE (Chemical)		
24 Filter	48. Ladder, Platform	74. Respiratory PPE (Particulate)		
	49. Ladder, Step	75. Safety Glasses		
	50. Lock Out / Tag Out	76. Safety Goggles		

Appendix C – Injury Illness Reporting Flow Chart

Health & Safety Near/Loss – Loss (Incident)* Notification Flow Chart



* Incident – any work or site-related occurrence that resulted in, or could potentially have resulted in, the need for medical care or in property damage (i.e., all injuries or illnesses, exposure to toxic materials or any other significant occurrence resulting in property damage or in a "near loss")

** Verbal Notification

Initial Incident Report (written) to SHSO, OHSM, OM and CHSM within 24 hours
Follow-up Report within one week.

APPENDIX E

Heavy Equipment Exclusion Zone Policy



**HEAVY EQUIPMENT EXCLUSION ZONE
MANAGEMENT PROGRAM**

CORPORATE HEALTH AND SAFETY MANAGER : Brian Hobbs, CIH, CSP
EFFECTIVE DATE : 07/18
REVISION NUMBER : 1

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1. PURPOSE

The purpose of the Exclusion Zone Management Program is to establish the minimum clearance distance that must be maintained between workers and heavy equipment while equipment is in operation (i.e., engaged or moving). The intent is to have no personnel or equipment entering the Exclusion Zone while the equipment is in operation or moving to ensure that Roux and Subcontractor employees are not unnecessarily exposed to the hazards of the equipment.

2. SCOPE AND APPLICABILITY

This Management Program applies to all Roux Associates, Inc. and its affiliated companies, Roux Environmental Engineering and Geology, D.P.C, and Remedial Engineering (collectively, "Roux") employees and their subcontractors who are performing field work and are potentially exposed to heavy equipment. For the purpose of this program, heavy equipment includes, but is not necessarily limited to: excavation equipment, drill rigs, vacuum trucks, forklifts, lull telehandlers, man lifts, bobcats, delivery trucks, etc.

3. PROCEDURES

As specified in the following sections of this Program, an Exclusion Zones must be established and maintained during activities involving the movement/operation of heavy equipment. The Exclusion Zone requirements apply to all personnel on the site but are primarily focused on those personnel who are required to be working in the vicinity of the equipment. The exclusion zone is in effect when heavy equipment is moving or engaged (ex. movement of an arm or bucket of an excavator, rotation of an auger, lifting of a load with a forklift, raising/lowering of a man lift, etc.).

1. The Exclusion Zone must meet the following minimum requirements:

- A minimum distance of 10 feet from all heavy equipment and loads being moved by the equipment;
- Greater than the swing/reach radius of any moving part on the heavy equipment (i.e., for large equipment this may mean an exclusion zone distance larger than 20 feet);
- Greater than the tip-over distance of the heavy equipment; and
- Greater than the radius of blind spots.

The size of the Exclusion Zone will need to be determined on a task-specific basis considering the size of the heavy equipment in use and the task being performed. Prior to all heavy equipment operations, the Exclusion Zone(s) distance must be specifically identified in the Job Safety Analysis (JSA).

2. The spotter (or another individual) should be assigned responsibility for enforcing the Exclusion Zone. The spotter should be positioned immediately outside of the Exclusion Zone within a clear line of sight of the equipment operator. The spotter must signal the operator to stop work if anyone or anything has the potential to enter or compromise the Exclusion Zone. The operator should stop work if the spotter is not within his/her line of sight. If multiple pieces of equipment are being used, each piece of equipment must have its own Exclusion Zone and spotter. For large excavation and demolition projects the spotter should be in constant radio contact (not cell phone) with the machine driver.
3. If an individual must enter the Exclusion Zone, the designated Spotter must signal the Equipment Operator to stop the equipment. Once the equipment is no longer moving (ex. movement of an arm of an excavator is STOPPED, lifting of a load with a forklift STOPPED, raising/lowering of a man lift is

STOPPED, etc.), the operator must DISENGAGE THE CONTROLS and STOP and SIGNAL BY "SHOWING HIS HANDS". This signal will indicate that it is safe for the personnel to enter the limits of the Exclusion Zone to perform the required activity. The equipment must remain completely stopped/disengaged until all personnel have exited the limits of the Exclusion Zone and the designated Spotter has signaled by "SHOWING HIS HANDS" to the Equipment Operator that it is safe to resume operations.

4. When entering the limits of the Exclusion Zone, personnel must at a minimum:
 - Establish eye contact with the operator and approach the heavy equipment in a manner that is in direct line of sight to the Equipment Operator;
 - Never walk under any suspended loads or raised booms/arms of the heavy equipment; and
 - Identify a travel path that is free of Slip/Trip/Fall hazards.
5. The Exclusion Zone should be delineated using cones with orange snow fence or solid poles between the cones, barrels, tape or other measures. For work in rights-of-way rigid barriers, such as Jersey barriers or temporary chain link fence should be used. For certain types of wide-spread or moving/mobile equipment operations, such delineation may not be practicable around pieces of equipment or individual work areas. In such instances, it is expected that the entire operation will be within a larger secure work area or that additional means will be utilized to ensure security of the work zone.

All subcontractors who provide heavy equipment operations to field projects must implement a program that meets or exceeds the expectations described above as well as any additional requirements that may be required on a client or site-specific basis.

3.1 Exceptions

It is recognized that certain heavy equipment activities may require personnel to work within the limits of the Exclusion Zone as specified in this program. Such activities may include certain excavation clearance tasks, drill crew activities or construction tasks. However, any such activity must be pre-planned with emphasis on limiting the amount and potential exposure of any activity required within the zone. The critical safety steps to mitigate the hazards associated with working within the Exclusion Zone must be defined in the JSA and potentially other project-specific plans (i.e., critical lift plans, etc.), and approved by the Roux Project Principal and client representative, if required, prior to implementation.

4. TRAINING

Many Roux projects have different requirements that are client-specific or site-specific in nature. It is the responsibility of the Project Principal (or Project Manager if delegated this responsibility by the Project Principal) to ensure that the workers assigned to his/her projects are provided orientation and training with respect to these client and/or site-specific requirements.

APPENDIX F

Subsurface Utility Clearance Management Program

SUBSURFACE UTILITY CLEARANCE MANAGEMENT PROGRAM

CORPORATE HEALTH AND SAFETY MANAGER : **Brian Hobbs, CIH, CSP**
EFFECTIVE DATE : **07/18**
REVISION NUMBER : **1**

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APPENDICES

Appendix A – Definitions

Appendix B – Example of Completed One Call

Appendix C – Roux Subsurface Utility Clearance Checklist

Appendix D – Utility Verification/Site Walkthrough Record

1. PURPOSE

Roux Associates, Inc. and its affiliated companies, Roux Environmental Engineering and Geology, D.P.C., and Remedial Engineering (collectively, “Roux”) has instituted the following program for completing proper utility mark-outs and for conducting subsurface clearance activities. This establishes a method to ensure, to the greatest extent possible, that utilities have been identified and contact and/or damage to underground utilities and other subsurface structures will be avoided.

2. SCOPE AND APPLICABILITY

The Subsurface Utility Clearance Management Program applies to all Roux employees, its contractors and subcontractors. Employees are expected to follow this program for all intrusive work involving Roux or other personnel (e.g., contractors/subcontractors) working for Roux unless the client’s requirements are more stringent. Deviation from the program regardless of the specific work activity or work location must be pre-approved based on client’s site knowledge, site experience and client’s willingness for the use of this program. Any and all exceptions shall be documented and pre-approved by the Project Principal and the Office Manager.

3. PROCEDURES

3.1 Before Intrusive Activities

During the project kick-off meeting for intrusive activities the PM will review the Roux Subsurface Utility Clearance Checklist and Utility Verification (Appendix C) / Site Walkthrough Record (Appendix D) and the below bullet points with the project field team:

(Please note that these are intended as general reminders only and should not be solely relied upon.)

- Ensure the Mark-out / Stake-out Request Information Sheet (or one-call report) is complete and accurate for the site including address and cross streets and review for missing utilities. (Note: utility mark-out organizations do not have contracts with all utilities and it is often necessary to contact certain utilities separately such as the local water and sewer authorities).
- Have written confirmation prior to mobilizing to the site that the firm or Roux personnel performing the intrusive activity has correctly completed the mark-out notification process including requesting mark-outs, waiting for mark-outs to be applied to ground surfaces at the site, and receiving written confirmation of findings (via fax or email) from utility operators for all known or suspected utilities in the proposed area of intrusive activity, and provided utility owner written confirmation to Roux personnel for review and project files documentation.
- Do not begin any intrusive activity until all utilities mark-out has been completed (i.e., did all utilities mark-out the site?) and any unresolved mark-out issues are finalized. Perform a site walk to review the existing utilities and determine if said utilities have been located by the utility locators.

(Note: The Tolerance Zone is defined as two feet plus half of the diameter or half of the greatest dimension (for elliptical sewers, duct banks and other non-cylindrical utilities) of a utility and two feet from the outside edge of any subsurface structure.)

- Install Pre-Clearance exploratory test holes (e.g., hand-dug test holes or other soft digging techniques) for the first 5-ft below land surface (BLS) at each location prior to conducting mechanized intrusive activities. The size of the pre-clearance exploratory test hole should be at a minimum twice the diameter of any downhole tool or boring device. (Note: Pre-Clearance exploratory test holes should be defined in the SOW/proposal provided to the client to prevent project delays and to allow adequate time for PM and PP to evaluate alternative approaches for the project. Alternative approaches will need to be pre-approved by the OM.

- For excavations, all utilities need to be marked and then exposed by hand following the protocols in this program. Pre-clearing for excavations may be performed by the “moat” technique (i.e., soft digging around the perimeter). In these cases, dig in small lifts (<12” for first 5 feet) using a dedicated spotter.) For Tolerance Zone work, unless otherwise agreed upon with the Utility Operator, work within the tolerance zone requires verification by means of hand-dug test holes performed to expose the utility. Once structures have been verified a minimum clearance of two feet must be maintained between the utility and any powered equipment.
- In addition, the following activities should be conducted:
 - Review the work scope to be performed with the site owner/tenant to determine if it may impact any utilities;
 - Attempt to procure any utility maps or historic drawings of subsurface conditions of the site;
 - **Determine the need for utility owner companies to be contacted or to have their representatives on site;**
 - Where mark-outs terminate at the property boundary, consider the use of private utility locating / GPR / geophysical-type services which may be helpful in locating utilities. Use of private utility locating firms, however, does not eliminate the legal requirement for the Excavator firm to submit a request for Public Utility Mark-outs. Also, the information provided by the service may be inaccurate and unable to locate subsurface utilities and structures in urban areas, landfills, urban fill areas and below reinforced slabs, etc. They should not be relied upon as the only means of performing utility clearance;
 - Documented description of the dig site which is included in the projects Health and Safety Plan (HASP) and one call report will be maintained in the field and distributed amongst Roux personnel its contractors and subcontractors; and
 - Documentation of the actual placement of mark outs in the field shall be collected using dated pictures, videos and/or sketches with distance from markings to fixed objects. All documentation shall be maintained within the project file.

3.2 During Intrusive Activities

The PM, field team lead or personnel performing oversight is to:

- Ensure the mark-out remains valid. (In certain states there are limits regarding the duration of time after the mark-out was applied to the ground surface work can be started or interrupted.) Additionally, the mark-outs must be maintained, documented, and in many cases refreshed periodically to be considered valid, this will be accomplished through calls to the one call center.
- Ensure intrusive activities are only performed within the safe boundaries of the mark-out as detailed in the One-Call Report.
- Halt all work if intrusive activities have resulted in discovery of an unmarked utility. Roux personnel shall notify the facility owner/operator and the one call center. All incidents such as this will be reported as per Roux Incident Investigation and Reporting Management Program.
- Halt all work if intrusive activities must take place outside of the safe boundaries of a mark-out and only proceed after new mark-outs are performed.
- Halt the intrusive activities and immediately consult with the PP if an unmarked utility is encountered.
- Completing any subsurface utility clearance incident reports that are necessary.

- If a utility cannot be found as marked Roux personnel shall notify the facility owner/operator directly or through the one call center. Following notification, the excavation may continue, unless otherwise specified in state law.
- Contractors/subcontractors must contact the one-call center to refresh the ticket when the excavation continues past the life of the ticket. Ticket life shall be dictated by state law however at a maximum ticket life shall not exceed 20 working days.

3.3 Stop Work Authority

Each Roux employee has Stop Work Authority which he or she will execute upon determination of any imminent safety hazard, emergency situation, or other potentially dangerous situation, such as hazardous weather conditions. This Stop Work Authority includes subsurface clearance issues such as the adequacy of a mark-out or identification during intrusive operations of an unexpected underground utility. Authorization to proceed with work will be issued by the PM/PP after such action is reviewed and resolved. The PM will initiate and execute all management notifications and contact with emergency facilities and personnel when this action is appropriate.

Appendix A - Definitions

<i>Intrusive Work Activities</i>	All activities such as digging or scraping the surface, including but not limited to, excavation, test pitting or trenching, soil vapor sampling or the installation of soil borings, soil vapor monitoring points and wells, or monitoring wells, and drilling within the basement slab of a recently demolished building.
<i>Mark-out / Stake Out</i>	The process of contracting with a competent and qualified company to confirm the presence or absence of underground utilities and structures. This process will clearly mark-out and delineate utilities that are identified so that intrusive work activities can be performed without causing disturbance or damage to the subsurface utilities and structures. After utility mark-outs are completed the soft digging will be completed prior to intrusive work.
<i>Tolerance Zone</i>	Defined as two feet on either side of the designated centerline of an identified utility, plus half of the diameter or half of the greatest dimension (for elliptical sewers, duct backs and other non-cylindrical utilities) of that utility and two feet from the outside edge of any subsurface structure.
<i>Structure</i>	For the purpose of this program a structure is defined as any underground feature that may a present potential source(s) of energy such as, but not limited to, utility vaults, bunkers, piping, electrical boxes, wires, conduits, culverts, utility lines, underground tanks and ducts.
<i>Soft Digging</i>	The safest way to remove material from unknown obstructions or services is by using tools such as a vactor or air knife, non-mechanical tools, or hand tools. The methods are clean and non-evasive and used for uncovering and exposing buried services, excavating and for providing a quick method of soil removal from sensitive areas.
<i>Verification</i>	Exploratory test-hole dug with hand tools within the Tolerance Zone to expose and verify the location, type, size, direction-of-run and depth of a utility or subsurface structure. Vacuum excavation (soft dig) methods can further facilitate exposure of a subsurface utility and accurately provide its location and identification prior to intrusive work approaching the Tolerance Zone.



Appendix B - Example of Completed One Call Report

Example Completed One-Call Report

New York 811

Send To: C_EMAIL Seq No: 744

Ticket No: 133451007 ROUTINE

Start Date: 12/16/13 Time: 7:00 AM Lead Time: 20

State: NY County: QUEENS Place: QUEENS

Dig Street: 46TH AVE Address:

Nearest Intersecting Street: VERNON BLVD

Second Intersecting Street: 11TH ST

Type of Work: SOIL BORINGS

Type of Equipment: GEOPROBE

Work Being Done For: ROUX

In Street: X On Sidewalk: X Private Property: Other:

On Property Location if Private: Front: Rear: Side:

Location of Work: MARK THE ENTIRE NORTH SIDE OF THE STREET AND SIDEWALK OF:
46TH AVE BETWEEN VERNON BLVD AND 11TH STREET

Remarks:

Nad: Lat: Lon: Zone:

ExCoord NW Lat: 40.7475399 Lon: -73.9534811 SE Lat: 40.7457406 Lon: -73.9493680

Company : ZEBRA ENVIROMENTAL Best Time: 6AM-5PM

Contact Name: DAVID VINES Phone: (516)596-6300

Field Contact: DAVID VINES Phone: (516)596-6300

Caller Address: 30 N PROSPECT AVE Fax Phone: (516)596-4422

LYNBROOK, NY 11563

Email Address: david@zebraenv.com

Additional Operators Notified:

ATTNY01 AT&T CORPORATION (903)753-3145

CEQ CONSOLIDATED EDISON CO. OF N.Y (800)778-9140

MCINY01 MCI (800)289-3427

PANYNJ01 PORT AUTHORITY OF NY & NJ (201)595-4841

VZQ VERIZON COMMUNICATIONS (516)297-1602

Link to Map for C_EMAIL: <http://ny.itic.occinc.com/XGMZ-DF2-L23-YAY>

Original Call Date: 12/11/13 Time: 1:15 PM Op: webusr

IMPORTANT NOTE: YOU MUST CONTACT ANY OTHER UTILITIES DIRECTLY

Appendix C - Roux Subsurface Utility Clearance Checklist

Roux Subsurface Utility Clearance Checklist

Date of Revision –
12/3/14

Work site set-up and work execution

ACTIVITY	Yes	No	N/A	COMMENTS INCLUDING JUSTIFICATION IF RESPONSE IS NO OR NOT APPLICABLE
Daily site safety meeting conducted, SPSAs performed, JSAs reviewed, appropriate work permits obtained.				
HASP is available and reviewed by site workers / visitors.				
Subsurface Utility Clearance Procedure has been reviewed with all site workers.				
Work area secured; traffic control established as needed. Emergency shut-off switch located. Fire extinguishers / other safety equipment available as needed.				
Utility mark-outs (public / private) clear and visible. Provide Excavator's Stake-Out Reference Number / Request Date / Time.				
Tolerance zone work identified.				
Work execution plan reviewed and adhered to (ground disturbance methods, clearance depths, any special utility protection requirements, or any other execution requirements; especially for Tolerance Zone work).				
Verbal endorsement received from Roux PM for any required field deviations to work execution plan.				

Key reminders for execution:

The Subsurface Utility Clearance Protocol should be referenced to determine all requirements while executing subsurface work. The bullet points below are intended as general reminders only and should not be solely relied upon.

- Tolerance zone is defined as two feet plus half of the diameter or half of the greatest dimension (for elliptical sewers, duct banks and other non-cylindrical utilities) of a utility and two feet from the outside of any subsurface structure.
- Install Pre-Clearance exploratory test holes (e.g., hand-dug test holes or vacuum excavation) must be performed for the first five feet below land surface (BLS) at each location prior to conducting mechanized intrusive activities. The size of the pre-clearance exploratory test hole should be at a minimum twice the diameter of any downhole tool or boring device. (Note: Pre-clearance exploratory test holes should be defined in the SOW/proposal provided to the client to prevent project delays and to allow adequate time for PM and PP to evaluate alternative approaches for the project. Alternate approaches will need to be pre-approved by the OM.
- For excavations, all utilities need to be marked and then exposed by hand following the protocols in this program. Pre-clearing for excavations may be performed by the "moat" technique (i.e., soft

digging around the perimeter). In these cases, dig in small lifts (<12" for first five feet) using a dedicated spotter.) For Tolerance Zone work, unless otherwise agreed upon with the Utility Operator, work within the tolerance zone requires verification by means of hand-dug test holes to expose the utility. Once structures have been verified a minimum clearance of two feet must be maintained between the utility and any powered equipment.

Appendix D - Utility Verification/Site Walkthrough Record

Employee Name: _____

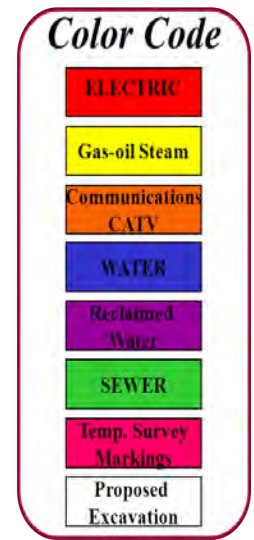
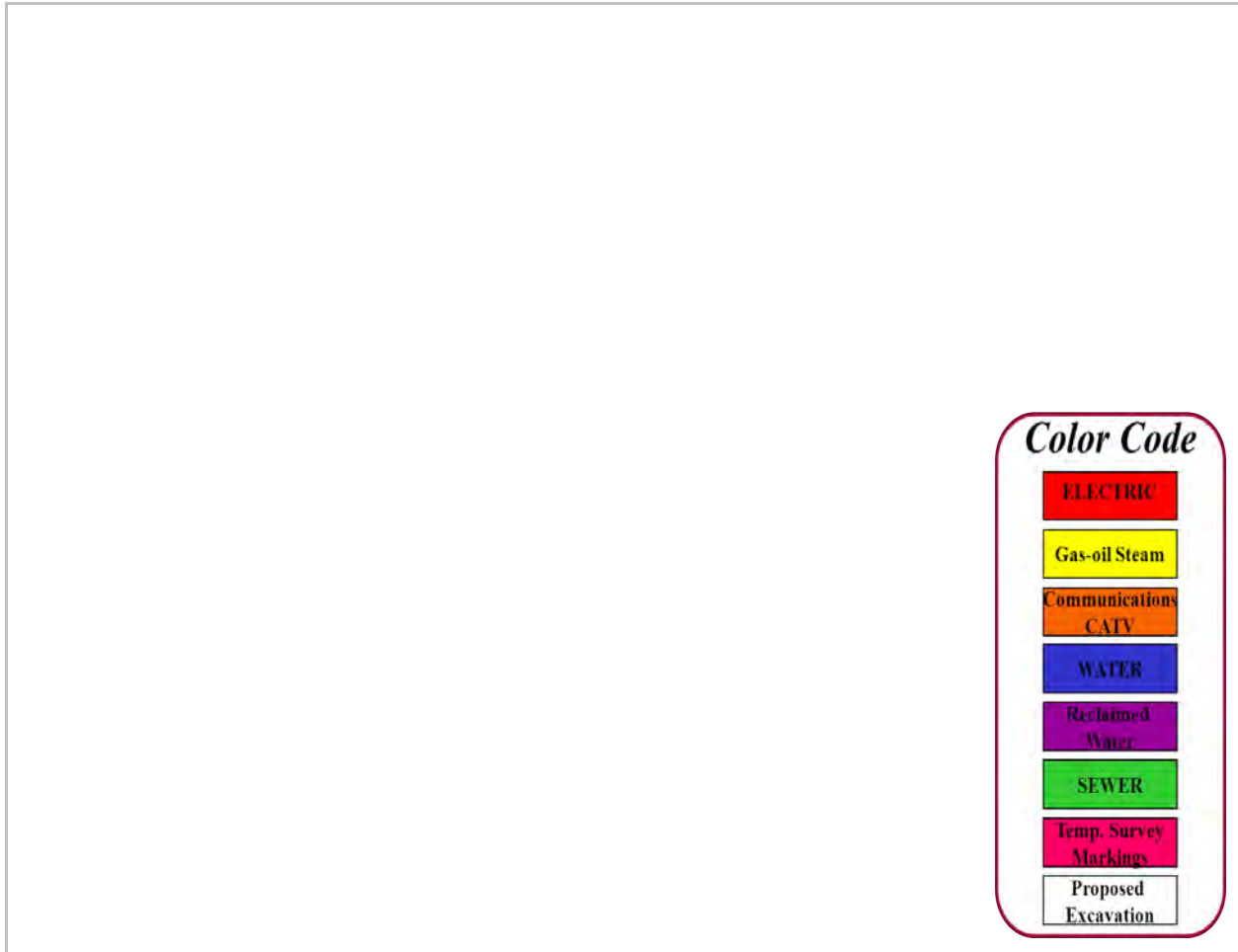
Date: _____

Instructions: For each utility suspected at the job site, indicate location on the job site, approximate burial depth, and means of detecting the utility. Leave blank if that utility is not believed to be present.

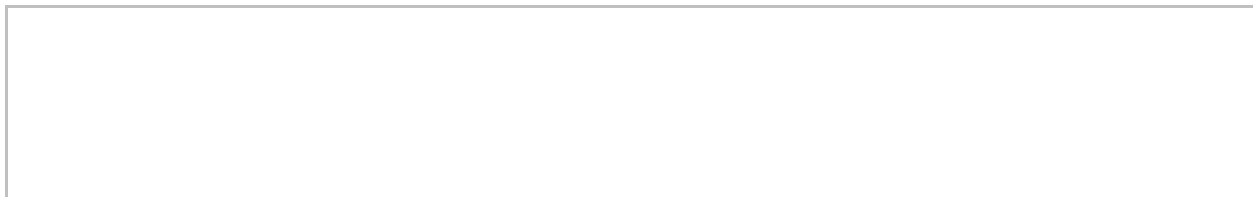
Utility	Description of Utility Location Identified Onsite	Approx. Depth (bls)	Method / Instrumentation used to determine Utility Location	Utility Owner Response (Date/Time)	Mark Out Indicates (Clear / Conflict)
Electrical Lines					
Gas Lines					
Pipelines					
Steam Lines					
Water Lines					
Sanitary and Stormwater Sewer lines					
Pressured Air-Lines					
Tank Vent Lines					
Fiber Optic Lines					
Underground Storage Tanks					
Phone Lines/ Other					

* bls - below land surface

Site Sketch Showing Utilities:



Other Comments / Findings:



Completed by: _____

Signature: _____ Date: _____

APPENDIX G

Personal Protective Equipment Management Program

PERSONAL PROTECTIVE EQUIPMENT MANAGEMENT PROGRAM

CORPORATE HEALTH AND SAFETY MANAGER : **Brian Hobbs, CIH, CSP**
EFFECTIVE DATE : **07/18**
REVISION NUMBER : **3**

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1. PURPOSE

Roux Associates, Inc. and its affiliated companies, Roux Environmental Engineering and Geology, D.P.C, and Remedial Engineering (collectively, "Roux") has instituted the following program to establish guidelines for the selection of personal protective equipment (PPE) for use by Roux personnel performing field activities in hazardous environments. PPE is not meant to be a substitute for engineering, work practice, and/or administrative controls, but PPE should be used in conjunction with these controls to protect the employees in the work place. Clothing, body coverings, and other accessories designed to prevent worker exposure to workplace hazards are all types of PPE. To ensure adequate PPE employee-owned PPE is evaluated on a case-by-case basis to insure its adequacy, maintenance and sanitation.

2. SCOPE AND APPLICABILITY

These guidelines apply to all PPE selection decisions to be made in implementing the Roux program. The foundations for this program are the numerous Occupational Health and Safety Administration (OSHA) standards related to PPE cited in 29 CFR 1910 Subpart I, 29 CFR 1926 Subpart E, and the hazardous environment work employee protection requirements under the OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER) standard at 29 CFR 1910.120 and 1926.65. To ensure hazard assessments are documented the levels of protection, types of protection and tasks requiring protection are covered in site-specific Health and Safety Plans (HASPs) and Job Safety Analyses (JSAs).

3. PROCEDURES

Due to the varied nature of site activities and the different potential hazards associated with different sites, several aspects must be considered when selecting PPE. The following text describes PPE selection logic and provides guidelines and requirements for the appropriate selection and use of PPE.

3.1 Introduction

To harm the body, chemicals must first gain entrance. The intact skin and the respiratory tract are usually the first body tissues attacked by chemical contaminants. These tissues provide barriers to some chemicals but in many cases, are damaged themselves or are highly permeable by certain chemical compounds. Personal protective equipment therefore is used to minimize or eliminate chemical compounds coming into contact with these first barrier tissues.

The proper selection of equipment is important in preventing exposures. The PM making the selection will have to take several factors into consideration. The level of protection, type and kind of equipment selected depends on the hazardous conditions and in some cases cost, availability, compatibility with other equipment, and performance. An accurate assessment of all these factors must be made before work can be safely carried out.

3.2 Types of PPE

The type and selection of PPE must meet certain general criteria and requirements as required under OSHA 29 CFR 1910.132 and 1926.95. In addition to these general requirements, specific requirements and specifications exist for some types of PPE that form the basis of the protective clothing scheme. Following is a list of the common types of specific PPE and the specific requirements for the PPE type, where applicable:

1. Hard Hats - Regulated by 29 CFR 1910.135 and 1926.100; and, specified in ANSI Z89.1.

2. Face Shields and Safety Glasses - Regulated by 29 CFR 1910.133 and 1926.102; and, specified in ANSI Z87.1.
3. Respiratory Protection - Regulated by 29 CFR 1910.134 and 1926.103.
4. Hand Protection - Not specifically regulated.
5. Foot Protection - Regulated by 29 CFR 1910.136 and 1926.96; and, specified in ANSI Z41.1.
6. Protective Clothing (e.g., fully encapsulated suits, aprons) - Not specifically regulated.

3.3 Protective Clothing Selection Criteria

3.3.1 Chemicals Present

The most important factor in selecting PPE is the determination of what chemicals the employee may be exposed to. On field investigations, the number of chemicals may range from a few to several hundred. The exact chemicals or group of chemicals present at the site (certain groups tend to require similar protection) can be determined by collecting and analyzing samples of the air, soil, water, or other site media. When data are lacking, research into the materials used or stored at the site can be used to infer chemicals possibly on the site.

Once the known or suspected chemicals have been identified, and taking into consideration the type of work to be performed, the most appropriate clothing shall be selected.

Protective garments are made of several different substances for protection against specific chemicals. There is no universal protective material. All will decompose, be permeated by, or otherwise fail to protect under given circumstances. Fortunately, most manufacturers make guides to the use of their products (i.e., Dupont's Tyvek™ Permeation Guide). These guides are usually for gloves and coveralls and typically provide information regarding chemical degradation rates (failure of the material to maintain structural integrity when in contact with the chemical), and may provide information on the permeation rate (whether or not the material allows the chemical to pass through). When permeation tables are available, they shall be used in conjunction with degradation tables to determine the most appropriate protective material.

During most site work, chemicals are usually in mixed combinations and the protective materials are not in continuous contact with pure chemicals for long periods of time; therefore, the selected material may be adequate for the particular chemical and type of work being performed, yet not the "best" protecting material for all site chemicals and activities. Selection shall depend upon the most hazardous chemicals based on their hazards and concentrations. Sometimes layering, using several different layers of protective materials, affords the best protection.

3.3.2 Concentration of the Chemical(s)

One of the major criteria for selecting protective material is the concentration of the chemical(s) in air, liquid, and/or solid state. Airborne and liquid chemical concentrations should be compared to the OSHA standards and/or American Conference of Governmental Industrial Hygienists (ACGIH) and National Institute for Occupational Safety and Health (NIOSH) guidelines to determine the level of skin or other absorptive surface (e.g., eyes) protection needed. While these standards are not designed specifically for skin exposed directly to the liquid, they may provide skin designations indicative of chemicals known to have significant skin or dermal absorption effects. For example, airborne levels of PCB on-site may be

low because it is not very volatile, so the inhalation hazard may be minimal; however, PCB-containing liquid coming in direct contact with the skin may cause overexposure. Thus, PCB has been assigned a skin designation in both the OSHA and ACGIH exposure limit tables.

3.3.3 Physical State

The characteristics of a chemical may range from nontoxic to extremely toxic depending on its physical state. Inorganic lead in soil would not be considered toxic to site personnel, unless it became airborne, since it is generally not absorbed through the intact skin. Organic lead in a liquid could be readily absorbed. Soil is frequently contaminated with hazardous materials. Concentrations will vary from a few parts per million to nearly one hundred percent. The degree of hazard is dependent on the type of soil and concentration of the chemical. Generally speaking, "dry" soils do not cause a hazard to site personnel if they take minimal precautions such as wearing some type of lightweight gloves.

3.3.4 Length of Exposure

The length of time a material is exposed to a chemical increases the probability of breakthrough. Determinations of actual breakthrough times for short-term exposures indicate that several different materials can be used which would be considered inadequate under long-term exposures. It should be kept in mind that during testing, a pure (100% composition) liquid is usually placed in direct contact with the material producing a worst-case situation.

3.3.5 Abrasion

When selecting protective clothing, the job the employee is engaged in must be taken into consideration. Persons moving drums or performing other manual tasks may require added protection for their hands, lower chest and thighs. The use of leather gloves and a heavy apron over the other normal protective clothing will help prevent damage to the normal PPE and thus reduce worker exposures.

3.3.6 Dexterity

Although protection from skin and inhalation hazards is the primary concern when selecting PPE, the ability to perform the assigned task must be maintained. For example, personnel cannot be expected to perform work that requires fine dexterity if they must wear a thick glove. Therefore, the PPE selection process must consider the task being performed and provide PPE alternatives or techniques that allow dexterity to be maintained while still protecting the worker (e.g., wearing tight latex gloves over more bulky hand protection to increase dexterity).

3.3.7 Ability to Decontaminate

If disposable clothing cannot be used, the ability to decontaminate the materials selected must be taken into consideration. Once a chemical contacts the material, it must be cleaned before it can be reused. If the chemical has completely permeated the material, it is unlikely that the clothing can be adequately decontaminated and the material should be discarded.

3.3.8 Climactic Conditions

The human body works best with few restraints from clothing. Protective clothing adds a burden by adding weight and restricting movement as well as preventing the natural cooling process. In severe situations, a modified work program must be used.

Some materials act differently when they are very hot and very cold. For example, PVC becomes almost brittle in very cold temperatures. If there are any questions about the stability of the protective materials under different conditions, the manufacturer should be contacted.

3.3.9 Work Load

Like climactic conditions, the type of work activity may affect work duration and the ability of personnel to perform certain tasks. Similarly, the amount of protective materials a person wears will affect their ability to perform certain tasks. For example, a person in a total encapsulating suit, even at 72 °F, cannot work for more than a short period of time without requiring a break.

The work schedule should be adjusted to maintain the health of the employees. Special consideration should be given to the selection of clothing that both protects and adds the least burden when personnel are required to perform strenuous tasks. Excessive bodily stress frequently represents the most significant hazard encountered during field work.

3.4 Types of Protective Materials

1. Cellulose or Paper
2. Natural and Synthetic Fibers
 - a. Tyvek™
 - b. Nomex™
3. Elastomers
 - a. Polyethylene
 - b. Saran
 - c. Polyvinyl Chloride (PVC)
 - d. Neoprene
 - e. Butyl Rubber
 - f. Viton

3.5 Protection Levels

3.5.1 Level A Protection

Level A protection (a fully encapsulated suit) is used when skin hazards exist or when there is no known data that positively rule out skin and other absorption hazards. Since Level A protection is extremely physiologically and psychologically stressful, the decision to use this protection must be carefully considered. At no time will Level A work be performed without the consent of the OM. The following conditions suggest a need for Level A protection:

- confined facilities where probability of skin contact is high;
- sites containing known skin hazards;
- sites with no established history to rule out skin and other absorption hazards;
- atmosphere immediately dangerous to life and health (IDLH) through the skin absorption route;
- site exhibiting signs of acute mammalian toxicity (e.g., dead animals, illnesses associated with past entry into site by humans);

- sites at which sealed drums of unknown materials must be opened;
- total atmospheric readings on the Photoionization Detector (PID), Flame Ionization Detector (FID), and similar instruments indicate 500 to 1,000 ppm of unidentified substances; and
- extremely hazardous substances (e.g., cyanide compounds, concentrated pesticides, Department of Transportation Poison "A" materials, suspected carcinogens and infectious substances) are known or suspected to be present and skin contact is possible.

The following items constitute Level A protection:

- open circuit, pressure-demand self-contained breathing apparatus (SCBA);
- totally encapsulated suit;
- gloves, inner (surgical type);
- gloves, outer;
- chemical protective;
- boots, chemical protective, steel toe and shank;
- radiation detector (if applicable); and
- communications.

3.5.2 Level B Protection

Level B protection is utilized when the highest level of respiratory protection is needed but hazardous material exposure to the few unprotected areas of the body is unlikely.

The following conditions suggest a need for Level B protection:

- the type and atmospheric concentration of toxic substances have been identified and they require the highest level of respiratory protection;
- IDLH atmospheres where the substance or concentration in the air does not present a severe skin hazard;
- the type and concentrations of toxic substances do not meet the selection criteria permitting the use of air purifying respirators; and
- it is highly unlikely that the work being done will generate high concentrations of vapors, gases or particulates, or splashes of materials that will affect the skin of personnel.

Personal protective equipment for Level B includes:

- open circuit, pressure-demand SCBA;
- chemical protective clothing:
- overalls and long-sleeve jacket; or
- coveralls;
- gloves, inner (surgical type); gloves, outer, chemical protective;
- boots, chemical protective, steel toe and shank; and
- communications optional.

3.5.3 Level C Protection

Level C protection is utilized when both skin and respiratory hazards are well defined and the criteria for the use of negative pressure respirators have been fulfilled (i.e., known contaminants and contaminant concentrations, acceptable oxygen levels, approved filter/cartridge available, known cartridge service life, etc.). Level C protection may require carrying an emergency escape respirator during certain initial entry and site reconnaissance situations, or when applicable thereafter.

Personal protective equipment for Level C typically includes:

- full facepiece air-purifying respirator;
- emergency escape respirator (optional);
- chemical protective clothing:
 - overalls and long-sleeved jacket; or
 - coveralls;
- gloves, inner (surgical type);
- gloves, outer, chemical protective; and
- boots, chemical protective, steel toe and shank.

3.5.4 Level D Protection

Level D is the basic work uniform. Personal protective equipment for Level D includes:

- coveralls;
- safety boots/shoes;
- eye protection;
- hand protection;
- reflective traffic safety vest (mandatory for traffic areas or railyard);
- hard hat (with face shield is optional); and
- emergency escape respirator is optional.

3.5.5 Level E Protection

Level E protection is used when radioactivity above 10 mr/hr is detected at the site. Personal protective equipment for Level E includes:

- coveralls;
- air purifying respirator;
- time limits on exposure;
- appropriate dermal protection for the type of radiation present; and
- radiation dosage monitoring.

3.5.6 Additional Considerations

Field work will contain a variety of situations due to chemicals in various concentrations and combinations. These situations may be partially ameliorated by following the work practices listed below:

1. Some sort of foot protection is needed on a site. If the ground to be worked on is contaminated with liquid and it is necessary to walk in the chemicals, some sort of protective "booties" can be worn over the boots. This cuts down on decontamination requirements. They are designed with soles to help prevent them from slipping around. If non-liquids are to be encountered, a Tyvek™ bootie could be used. If the ground contains any sharp objects, the advantage of booties is questionable. Boots should be worn with either cotton or wool socks to help absorb the perspiration.
2. If the site situation requires the use of hard hats, chin straps should be used if a person will be stooping over where his/her hat may fall off. Respirator straps should not be placed over the hard hats. This will affect the fit of the respirator.

Some types of protective materials conduct heat and cold readily. In cold conditions, natural material clothing should be worn under the protective clothing. Protective clothing should be removed prior to allowing a person "to get warm". Applying heat, such as a space heater, to the outside of the protective clothing may drive the contaminants through. In hot weather, under clothing will absorb sweat. It is recommended that workers use all cotton undergarments.

3. Body protection should be worn and taped to prevent anything from running into the top of the boot. Gloves should be worn and taped to prevent substances from entering the top of the glove. Duct tape is preferred, but masking tape can be used. When aprons are used, they should be taped across the back for added protection. However, this should be done in such a way that the person has mobility.
4. Atmospheric conditions such as precipitation, temperature, wind direction, wind velocity, and pressure determine the behavior of contaminants in air or the potential for volatile material getting into the air. These parameters should be considered in determining the need for and the level of protection.
5. A program must be established for periodic monitoring of the air during site operations. Without an air monitoring program, any changes would go undetected and might jeopardize response personnel. Monitoring can be done with various types of air pumps and filtering devices followed by analysis of the filtration media; personnel dosimeters; and periodic walk-throughs by personnel carrying real-time survey instruments.
6. For operations in the exclusion zone, different levels of protection may be selected, and various types of chemical-resistant clothing may be worn. This selection should be based on the job function, reason for being in the area, and the potential for skin contact with, or inhalation of, the chemicals present.
7. Escape masks must be readily available when levels of respiratory protection do not include a SCBA and the possibility of an IDLH atmosphere exists. Their use can be made on a case-by-case basis. Escape masks could be strategically located at the site in areas that have higher possibilities of vapors, gases or particulates.

Remedial Investigation Work Plan
Sendero Verde Redevelopment Project – Parcel B, New York, New York

APPENDIX E

Community Air Monitoring Program



Community Air Monitoring Plan

Sendero Verde Redevelopment Project –
Parcel B
Tax Block 1617 of Tax Lot 20
New York, New York

November 28, 2018

Prepared for:
SV-B Owners LLC

Prepared by:
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209 Shafter Street
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 - 1.3 Meteorological Monitoring 2
 - 1.4 Available Suppression Techniques 3
 - 1.5 Reporting 3

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- 1. Action Limit Summary for VOCs and Particulates

Appendix

- A. Action Limit Report

1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux) on behalf of Sendero Verde Redevelopment Project – Parcel B, (the “Requestor”), have developed a project specific Community Air Monitoring Plan (CAMP) to implement real time monitoring at the Site, which occupies Tax Lot 20 of Tax Block 1617, during remedial construction activities.

The monitoring program will be implemented at all times during which earth disturbance activities are occurring. The CAMP is designed to provide a measure of protection for the downwind community and on-Site workers not directly involved with the subject work activities from potential airborne contaminant releases as a direct result of remedial and construction activities. This plan is consistent with the New York State Department of Health's (NYSDOH) Generic Community Air Monitoring Plan guidance document.

The specifics of the CAMP are presented in the following four (4) sections:

- 1.1 VOC Monitoring Approach
- 1.2 Particulate Monitoring Approach
- 1.3 Meteorological Monitoring Approach
- 1.4 Available Suppression Techniques

1.1 VOC Monitoring Approach

Total VOC concentrations in air will be monitored continuously at a location downwind of the excavation activities during all ground intrusive activities. An upwind monitoring station will be set up adjacent to where the excavation is occurring. The VOC monitoring equipment will be located at temporary monitoring stations that will be established daily based on Site logistics and weather conditions. The monitoring work will be conducted using MiniRAE 3000 (or equivalent) portable VOC monitors, or similar type monitors, for all VOC monitoring. The equipment will be calibrated at least once daily using isobutylene as the calibration gas. One (1) upwind and one (1) downwind monitor will be deployed each day. Each monitoring unit is equipped with an audible alarm to indicate exceedance of the action levels (as defined below and summarized in Table 1).

The equipment is capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

- If the ambient air concentration of total VOCs at the downwind perimeter of the Site exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.
- If the ambient air concentration of total VOCs at the downwind perimeter of the Site persists at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of VOCs identified, suppression techniques employed to abate emissions, and monitoring continued. After these steps, work activities can resume if the total organic vapor level at the Site perimeter is below 5 ppm over the background concentration for the 15-minute average. If levels are in excess of 25 ppm above background, identified contributing ground-intrusive activities will be halted and vapor suppression techniques will be evaluated and modified until monitoring indicates VOC levels at the Site perimeter are below 5 ppm over background. Once VOC levels are below 5 ppm at the Site perimeter, work will resume with continued monitoring.

- All 15-minute readings will be recorded and be available for State Regulator (NYSDEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes will be recorded. If an exceedance of the action level occurs, an Action Limit Report (ALR) will be completed, identifying the monitoring device location, the measured VOC level, the activity causing the exceedance, meteorological conditions, and the corrective actions taken, as provided in Appendix A. Additionally, the NYSDEC and NYSDOH will be notified within 24 hours of the VOC ALR generation. Daily monitoring equipment locations and meteorological conditions will also be documented on the daily CAMP Monitoring Location Plan. All documentation will be kept on file at the Site.

1.2 Particulate Monitoring, Response Levels and Actions

Particulate concentrations will be monitored continuously at temporary particulate monitoring stations set up at the sidewalk at upwind and downwind locations. The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action levels (as defined below and summarized in Table 1). Monitoring equipment will be MIE Data Ram monitors or equivalent. A minimum of one (1) upwind and one (1) downwind monitor will be deployed each day, equipped with an omni-directional sampling inlet and a PM-10 sample head. The data logging averaging period will be set to 15-minutes with time and date stamp recording. Alarm averaging will be set at 90 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) per 15-minute period. This setting will allow proactive evaluation of Site conditions prior to reaching Action Levels of $100 \mu\text{g}/\text{m}^3$ above background. The equipment will be outfitted with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration will be visually assessed during all work activities. The monitoring will be used to compare values to the following:

- If the downwind PM-10 particulate level is $100 \mu\text{g}/\text{m}^3$ greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the Site, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed $150 \mu\text{g}/\text{m}^3$ above the upwind level and provided that no visible dust is migrating from the Site.
- If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than $150 \mu\text{g}/\text{m}^3$ above the upwind level, work must be stopped, a re-evaluation of activities initiated, and dust suppression techniques modified. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within $150 \mu\text{g}/\text{m}^3$ of the upwind level and in preventing visible dust migration.

All 15-minute readings will be recorded and be available for State Regulator (NYSDEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes will be recorded. If an exceedance of the action level occurs, an ALR will be completed, identifying the monitoring device location, the measured particulate concentration, the activity causing the exceedance, meteorological conditions, and the corrective actions taken, as provided in Appendix A. Daily monitoring equipment locations will also be documented on the daily CAMP Monitoring Location Plan. All documentation will be kept on file at the Site.

1.3 Meteorological Monitoring

Wind speed (estimated) and wind direction, will be approximated based on field observations of onsite personnel. Meteorological data consisting of temperature, barometric pressure, and relative humidity will be recorded in the field book based upon publically available information from local weather stations.

1.4 Available Suppression Techniques

Odor Control

Due to the nature of the project, with excavation occurring, the potential for generation of nuisance odors and the need for odor control may be necessary. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of all other complaints about the project.

All necessary means will be employed to prevent on- and off-Site nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) use of chemical odorants in spray or misting systems; and, (e) use of staff to monitor odors in surrounding neighborhoods.

Dust Control

Due to the nature of the project, the potential for generation of nuisance dust and the need for dust control may be necessary. Dust suppression will be achieved through the use of water for wetting excavation areas, if required. Water will be available on-site at suitable supply and pressure for use in dust control.

1.5 Reporting

All recorded monitoring data will be downloaded, and field logged periodically, including action limit reports (if any) and daily CAMP monitoring location plans. All records will be maintained onsite and available for NYSDEC/NYSDOH review. A summary of CAMP findings, including excursions, will be provided in the Daily and Monthly Reports. All CAMP monitoring records will be included in the overall Final Engineering Report that will be submitted to the NYSDEC and NYSDOH and will include all of the CAMP data collected, daily monitoring station location maps, and copies of the ALRs (if any). If an ALR is generated due to VOC exceedances, the NYSDEC and NYSDOH will be notified within 24 hours of the exceedance.

Sendero Verde Redevelopment Project
Parcel B
Tax Lot 20 of Tax Block 1617

TABLE

Action Limit Summary for VOCs and Particulates

Table 1. Action Limit Summary for VOCs and Particulates, Sendero Verde Redevelopment Project - Parcel B, New York, NY

Contaminant	Downwind Action Levels*	Action/Response
Volatile Organic Compounds (VOCs) (Monitoring Via Photoionization Detector and Odor Observation)	< 5 ppm	1. Resume work with continuing monitoring.
	5 ppm < level < 25 ppm	1. Work activities must be temporarily halted, source vapors must be identified, suppression techniques employed to abate emissions and monitoring continued. 2. After these steps, if VOC levels (200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or structure, whichever is less) is below 5 ppm over background, resume work.
	> 25 ppm	1. Identified contributing ground intrusive activities must be halted and vapor suppression techniques must be evaluated and modified until monitoring indicates VOC levels below the action level. 2. After these steps, if VOC levels (half the distance to the nearest potential receptor or structure) are below 5 ppm over background, resume work.
Particulates (Monitoring Via Particulate Meter and Observation)	< 100 ug/m ³	1. If dust is observed leaving the work area, then dust control techniques must be implemented or additional controls used.
	100 ug/m ³ < level < 150 ug/m ³	1. Employ dust suppression techniques. 2. Work may continue with dust suppression techniques provided that downwind PM-10 particulate concentration do not exceed 150 ug/m ³ above the upwind level and provided that no visible dust is migrating from the work area.
	> 150 ug/m ³	1. STOP work 2. Re-evaluate activities, modify dust suppression techniques. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 ug/m ³ of the upwind level and in preventing visible dust migration.

* Instantaneous readings above background. Particulate readings are based on the respirable (PM-10) fraction. Background readings are taken at upwind locations relative to Work Areas or Exclusion Zones.

Sendero Verde Redevelopment Project
Parcel B
Tax Lot 20 of Tax Block 1617

APPENDIX A

Action Limit Report

ACTION LIMIT REPORT

Project Location: Sendero Verde Redevelopment Project - Parcel B
Tax Block 1617 Lot 20

Date: _____ Time: _____

Name: _____

Contaminant: PM-10: _____ VOC: _____

Wind Speed: _____ Wind Direction: _____

Temperature: _____ Barometric Pressure: _____

DOWNWIND DATA

Monitor ID #: _____ Location: _____ Level Reported: _____

Monitor ID#: _____ Location: _____ Level Reported: _____

UPWIND DATA

Monitor ID #: _____ Location: _____ Level Reported: _____

Monitor ID#: _____ Location: _____ Level Reported: _____

BACKGROUND CORRECTED LEVELS

Monitor ID #: _____ Location: _____ Level Reported: _____

Monitor ID#: _____ Location: _____ Level Reported: _____

ACTIVITY DESCRIPTION

CORRECTIVE ACTION TAKEN

Remedial Investigation Work Plan
Sendero Verde Redevelopment Project – Parcel B, New York, New York

PLATES

1. Summary of Exceedances in Soil
2. Summary of Exceedances in Groundwater
3. Summary of NYSDOH Matrix Detections in Soil Vapor

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

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

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

mg/kg - MILLIGRAMS PER KILOGRAM

ug/kg - MICROGRAMS PER KILOGRAM

* - NYSDEC PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES

** - NYSDEC PART 375 RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVES

NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

- - NO NYSDEC PART 375 SOIL CLEANUP OBJECTIVES AVAILABLE

J - ESTIMATED VALUE

P - THE RPD BETWEEN THE RESULTS FOR THE TWO COLUMNS EXCEEDS THE METHOD-SPECIFIED CRITERIA

I - THE LOWER VALUE FOR THE TWO COLUMNS HAS BEEN REPORTED DUE TO OBVIOUS INTERFERENCE

RPD - RELATIVE PERCENT DIFFERENCE

VOCs - VOLATILE ORGANIC COMPOUNDS

SVOCs - SEMIVOLATILE ORGANIC COMPOUNDS

PCBs - POLYCHLORINATED BIPHENYLS

NE - NO EXCEEDANCE

ND - NO DETECTION

NA - NOT ANALYZED FOR BY LABORATORY

FT BLS - FEET BELOW LAND SURFACE

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



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

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

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

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

SB-5	4/30/2018	5/2/2018
Depth (ft bls)	0 - 2	18 - 20
SVOC		
Benzo(A)Anthracene	6000	ND
Benzo(A)Pyrene	6200	ND
Benzo(B)Fluoranthene	10000	ND
Benzo(K)Fluoranthene	2400	ND
Chrysene	7200	ND
Dibenz(A,H)Anthracene	1000	ND
Indeno(1,2,3-C,D)Pyrene	5100	ND
Metals		
Lead	319	NE
Mercury	0.288	ND
Zinc	263	NE
Pesticides		
Dieldrin	23.3	ND
P,P'-DDD	13.2 P	ND
P,P'-DDE	62.9 P	ND
P,P'-DDT	106	ND

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

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

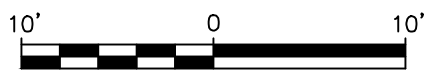
LEGEND

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

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

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

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




Title:

SUMMARY OF EXCEEDANCES
IN SOIL

SENDERO VERDE
REDEVELOPMENT PROJECT - PARCEL B

Prepared for:

SV-B OWNERS LLC



Compiled by: D.B.	Date: 14NOV18	PLATE 1
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: J.M.	Project: 2984.0003Y000	
File: 2984.0003Y101.01.DWG		



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

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

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

CONCENTRATIONS IN µg/L

µg/L - MICROGRAMS PER LITER

* - NYSDEC AWQSGVS

NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

AWQSGVS - AMBIENT WATER-QUALITY STANDARDS AND GUIDANCE VALUES CONSERVATION

- - NOT DETECTED ABOVE NYSDEC AWQSGV

J - ESTIMATED VALUE

VOCs - VOLATILE ORGANIC COMPOUNDS

SVOCs - SEMIVOLATILE ORGANIC COMPOUNDS

PCBs - POLYCHLORINATED BIPHENYLS

NE - NO EXCEEDANCE

ND - NO DETECTION

NA - NOT ANALYZED FOR BY LABORATORY



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

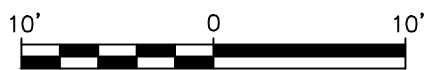
LEGEND

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

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

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

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



SUMMARY OF EXCEEDANCES IN GROUNDWATER

SENDERO VERDE
REDEVELOPMENT PROJECT - PARCEL B

Prepared for:
SV-B OWNERS LLC



Compiled by: D.B.	Date: 14NOV18	PLATE
Prepared by: G.M.	Scale: AS SHOWN	
Project Mgr: J.M.	Project: 2984.0003Y000	
File: 2984.0003Y101.01.DWG		

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SV-3	5/4/2018
2-Hexanone	150
Acetone	456
Chloroform	33.2
Methyl Ethyl Ketone (2-Butanone)	1340
Tetrachloroethylene (PCE)	48.8

SV-1	5/4/2018
1,2,4-Trimethylbenzene	15
2-Hexanone	161
Acetone	120
m,p-Xylene	14.9
Methyl Ethyl Ketone (2-Butanone)	817
O-Xylene (1,2-Dimethylbenzene)	7.3
Toluene	4.75



SV-5	5/4/2018
2-Hexanone	194
Acetone	551
Ethanol	111
Methyl Ethyl Ketone (2-Butanone)	1710
N-Heptane	13.9
N-Hexane	20.7

SV-6	5/4/2018
2-Hexanone	371
Acetone	822
Chloroform	128
Methyl Ethyl Ketone (2-Butanone)	2660
Tetrachloroethylene (PCE)	24.4

SV-8	5/4/2018
2-Hexanone	287
Acetone	485
Chloroform	78.6
Ethanol	122
Methyl Ethyl Ketone (2-Butanone)	2020

LEGEND

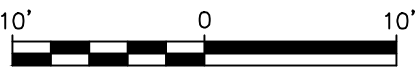
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- SV-4 ● APPROXIMATE LOCATION OF SOIL BORING, GROUNDWATER GRAB SAMPLE AND SOIL VAPOR SAMPLE
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- BCP SITE BOUNDARY

SAMPLE DESIGNATION		SAMPLE DATE	
SV-1		5/4/2018	
1,2,4-Trimethylbenzene		15	
2-Hexanone		161	
Acetone		120	
m,p-Xylene		14.9	
Methyl Ethyl Ketone (2-Butanone)		817	
O-Xylene (1,2-Dimethylbenzene)		7.3	
Toluene		4.75	
ANALYTE		CONCENTRATIONS IN µg/m³	

µg/L - MICROGRAMS PER CUBIC METER
VOCs - VOLATILE ORGANIC COMPOUNDS

SV-4	5/4/2018
1,2,4-Trimethylbenzene	17.8
2-Hexanone	107
Acetone	347
Chloroform	6.01
Dichlorodifluoromethane	53.4
Ethanol	51.8
m,p-Xylene	14.9
Methyl Ethyl Ketone (2-Butanone)	1240
O-Xylene (1,2-Dimethylbenzene)	6.69
Tetrachloroethylene (PCE)	10.2

SV-7	5/4/2018
1,2,4-Trimethylbenzene	18.5
2-Hexanone	150
Acetone	257
Chloroform	5.37
Ethanol	50.1
Ethylbenzene	4.43
m,p-Xylene	16.4
Methyl Ethyl Ketone (2-Butanone)	1400
O-Xylene (1,2-Dimethylbenzene)	7.47
Tetrachloroethylene (PCE)	8.68
Toluene	5.5



Title: **SUMMARY OF NYSDOH MATRIX DETECTIONS IN SOIL VAPOR**

SENDERO VERDE
REDEVELOPMENT PROJECT - PARCEL B

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



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